

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070925\
 Data File : VN087306.D
 Acq On : 09 Jul 2025 09:57
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2025
 Supervised By : Mahesh Dadoda 07/10/2025

Quant Time: Jul 10 01:22:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.818	128	43430	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	217232	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	209262	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	92336	28.218	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.067%		
60) 4-Bromofluorobenzene	12.847	95	97628	30.233	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	100.767%		
63) Toluene-d8	10.565	98	273284	29.086	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	96.967%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.154	85	42812	16.376	ug/l	100
3) Chloromethane	2.395	50	35033	13.120	ug/l	98
4) Vinyl Chloride	2.554	62	44448	15.316	ug/l	98
5) Bromomethane	3.001	94	38489	24.990	ug/l	92
6) Chloroethane	3.159	64	36195	23.250	ug/l	98
7) Trichlorofluoromethane	3.536	101	74097	20.815	ug/l	91
8) Diethyl Ether	3.983	74	24782m	14.170	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.395	101	47805	18.113	ug/l	97
10) 1,1-Dichloroethene	4.371	96	41288	15.694	ug/l	95
11) Methyl Iodide	4.618	142	44998	19.092	ug/l	90
12) Methyl Acetate	5.042	43	56216	13.623	ug/l	93
13) Acrolein	4.200	56	45181	71.253	ug/l	95
14) Acrylonitrile	5.736	53	128164	66.585	ug/l	98
15) Acetone	4.447	58	48849	87.002	ug/l	96
16) Carbon Disulfide	4.742	76	111130	14.447	ug/l #	95
17) Allyl chloride	5.047	41	49966	11.515	ug/l	91
18) Methylene Chloride	5.300	84	50377	16.529	ug/l	90
19) trans-1,2-Dichloroethene	5.806	96	47680	16.573	ug/l	89
20) Diisopropyl ether	6.683	45	120502	13.089	ug/l #	89
21) 1,1-Dichloroethane	6.589	63	81762	14.860	ug/l #	97
22) cis-1,2-Dichloroethene	7.494	96	55352	16.531	ug/l	89
23) tert-Butyl Alcohol	5.536	59	51936	71.746	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	139882	15.160	ug/l	96
25) Chloroform	7.977	83	93336	17.706	ug/l	90
26) Cyclohexane	8.265	56	58185	12.722	ug/l #	83
29) 1,1-Dichloropropene	8.377	75	58974	17.418	ug/l	96
30) 2-Butanone	7.488	43	178020	77.944	ug/l	93
31) 2,2-Dichloropropane	7.494	77	83032	20.315	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	85428	21.597	ug/l	98
33) Carbon Tetrachloride	8.371	117	72479	21.773	ug/l	95
34) Benzene	8.612	78	190712	17.779	ug/l	99
35) Methacrylonitrile	7.788	41	32388	14.071	ug/l	83
36) 1,2-Dichloroethane	8.677	62	67320	19.425	ug/l	98
37) Trichloroethene	9.353	130	48837	19.739	ug/l	92
38) Methylcyclohexane	9.600	83	64330	16.559	ug/l	92
39) 1,2-Dichloropropane	9.624	63	45815	17.017	ug/l	92
40) Dibromomethane	9.712	93	36991	20.206	ug/l	97
41) Bromodichloromethane	9.888	83	73333	19.846	ug/l	97
42) Vinyl Acetate	6.618	43	478981	64.478	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	65989	16.005	ug/l	99
44) Isopropyl Acetate	8.694	43	100825	15.009	ug/l	94
45) 1,4-Dioxane	9.700	88	18306	402.845	ug/l #	77
46) Methyl methacrylate	9.682	41	44087	14.118	ug/l	88
47) n-amyl Acetate	12.535	43	76242m	18.564	ug/l	
48) t-1,3-Dichloropropene	10.835	75	70765	17.179	ug/l	99
49) cis-1,3-Dichloropropene	10.312	75	75288	17.192	ug/l	98
50) 1,1,2-Trichloroethane	11.018	97	50472	19.408	ug/l	94
51) Ethyl methacrylate	10.882	69	60262	15.225	ug/l	87
52) 1,3-Dichloropropane	11.165	76	81749	18.311	ug/l	100
53) Dibromochloromethane	11.359	129	59277	21.715	ug/l	97
54) 1,2-Dibromoethane	11.471	107	52383	19.524	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	150405	66.294	ug/l	96
56) Bromoform	12.582	173	40583	21.626	ug/l	98
58) 4-Methyl-2-Pentanone	10.447	43	314495	74.756	ug/l #	96
59) 2-Hexanone	11.206	43	192922	71.018	ug/l	97
61) Tetrachloroethene	11.100	164	41504	20.028	ug/l	93
62) Toluene	10.629	91	212767	18.002	ug/l	100
64) Chlorobenzene	11.888	112	146947	19.492	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.959	131	52184	20.949	ug/l	97
66) Ethyl Benzene	11.965	91	224178	17.329	ug/l	95
67) m/p-Xylenes	12.071	106	188628	38.051	ug/l	94
68) o-Xylene	12.394	106	84567	17.881	ug/l	97
69) Styrene	12.412	104	146815	18.082	ug/l	98
70) Isopropylbenzene	12.694	105	223513	18.976	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	78990	18.631	ug/l	98
72) 1,2,3-Trichloropropane	12.988	75	67637m	18.500	ug/l	
73) Bromobenzene	12.982	156	60146	21.051	ug/l	83
74) n-propylbenzene	13.035	91	269455	18.726	ug/l	94
75) 2-Chlorotoluene	13.123	91	161535	18.581	ug/l	93
76) 1,3,5-Trimethylbenzene	13.170	105	191579	19.979	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	26492	16.336	ug/l	95
78) 4-Chlorotoluene	13.218	91	170402	19.138	ug/l	95
79) tert-butylbenzene	13.435	119	161217	20.001	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	194988	20.251	ug/l	99
81) sec-Butylbenzene	13.612	105	233914	19.964	ug/l	97
82) p-Isopropyltoluene	13.729	119	200367	20.549	ug/l	97
83) 1,3-Dichlorobenzene	13.729	146	119242	21.672	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	119427	21.567	ug/l	98
85) n-Butylbenzene	14.053	91	168734	18.966	ug/l	98
86) Hexachloroethane	14.329	117	39701	21.509	ug/l	98
87) 1,2-Dichlorobenzene	14.106	146	113223	21.825	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	18710	19.599	ug/l	90
89) 1,2,4-Trichlorobenzene	15.835	180	60111	20.480	ug/l	97
90) Hexachlorobutadiene	15.500	225	18312	21.025	ug/l	99
91) Naphthalene	15.635	128	209726	18.156	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	60111	20.480	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N

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VSTDCCC020

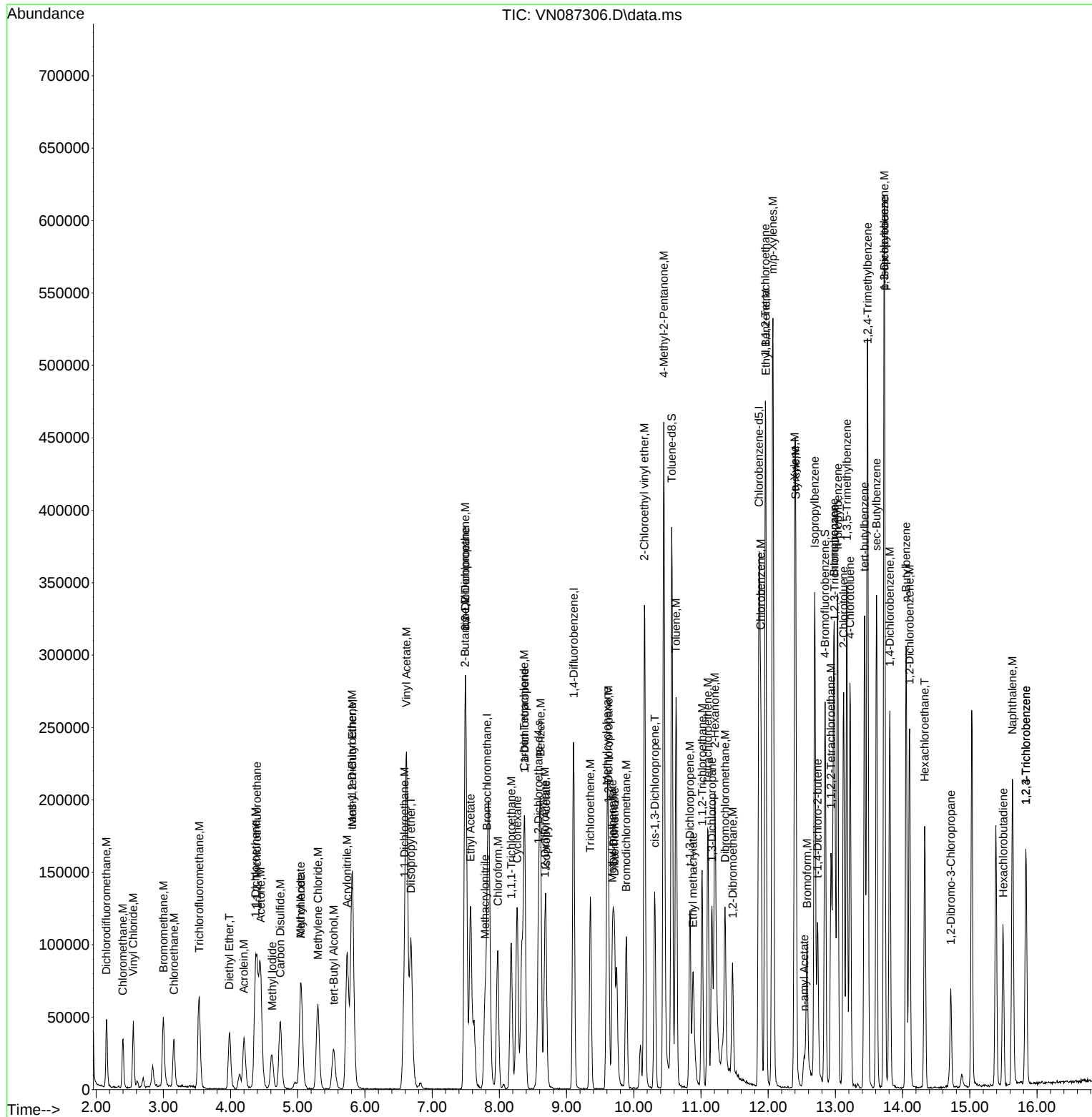
Manual Integrations

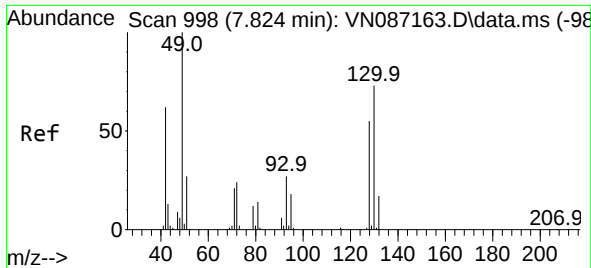
APPROVED

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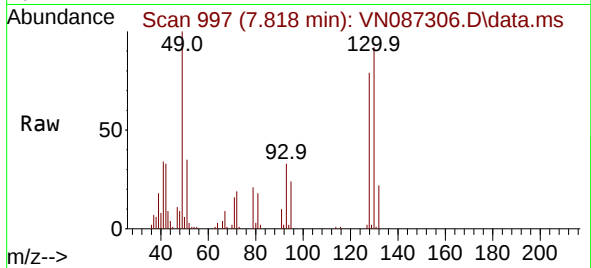
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QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

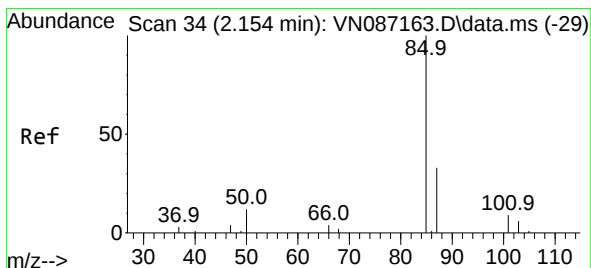
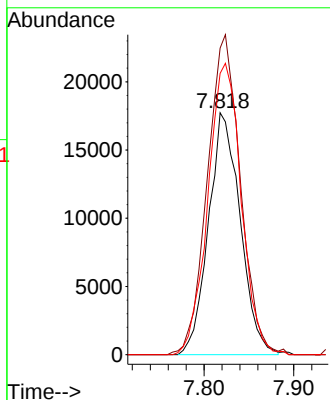
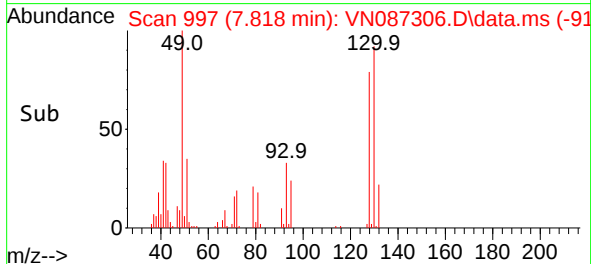
Instrument :
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ClientSampleId :
VSTDCCC020



Tgt Ion:128 Resp: 43430
Ion Ratio Lower Upper
128 100
49 137.8 0.0 450.5
130 126.8 0.0 320.7

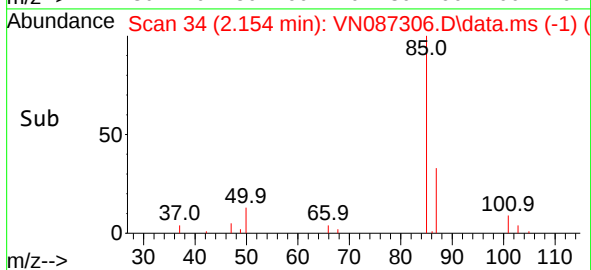
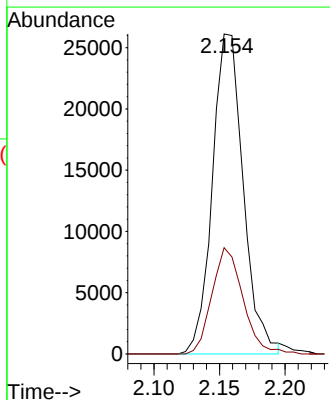
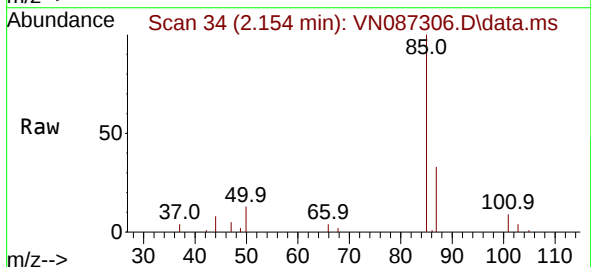
Manual Integrations
APPROVED

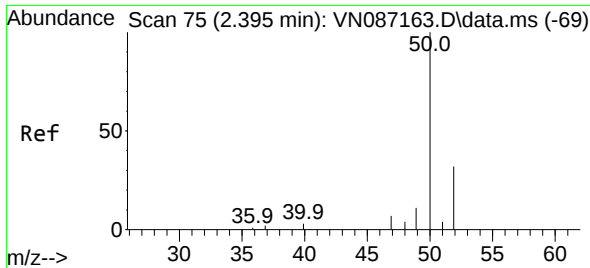
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#2
Dichlorodifluoromethane
Concen: 16.376 ug/l
RT: 2.154 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

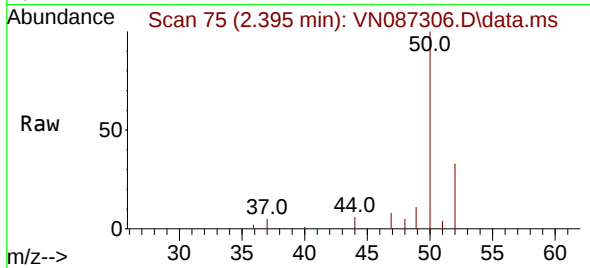
Tgt Ion: 85 Resp: 42812
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0





#3
Chloromethane
Concen: 13.120 ug/l
RT: 2.395 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

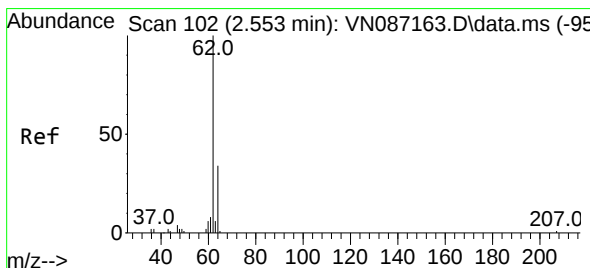
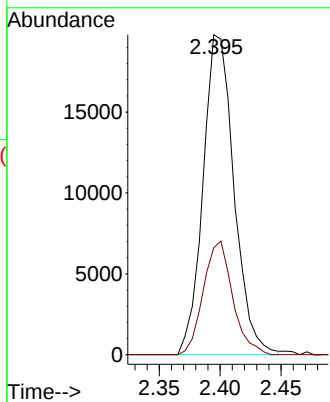
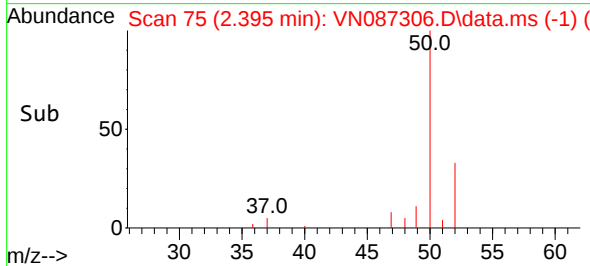
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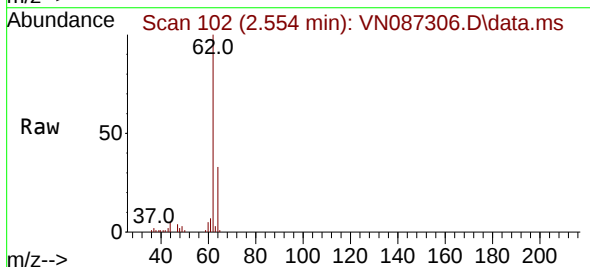
Tgt Ion: 50 Resp: 3503
Ion Ratio Lower Upper
50 100
52 33.4 25.9 38.9

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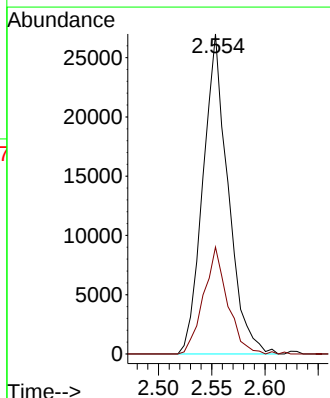
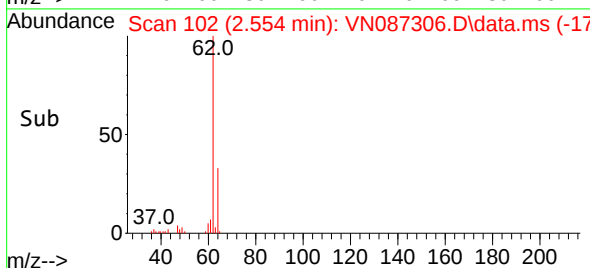
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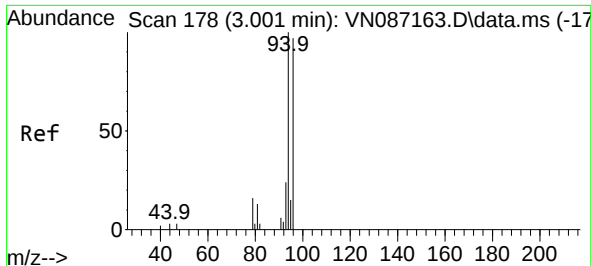


#4
Vinyl Chloride
Concen: 15.316 ug/l
RT: 2.554 min Scan# 102
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



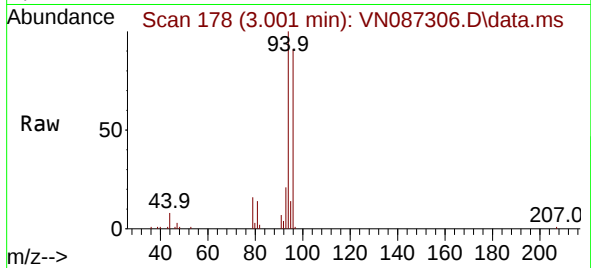
Tgt Ion: 62 Resp: 44448
Ion Ratio Lower Upper
62 100
64 33.4 27.4 41.2





#5
Bromomethane
Concen: 24.990 ug/l
RT: 3.001 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

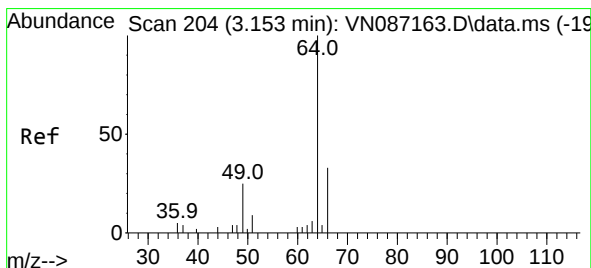
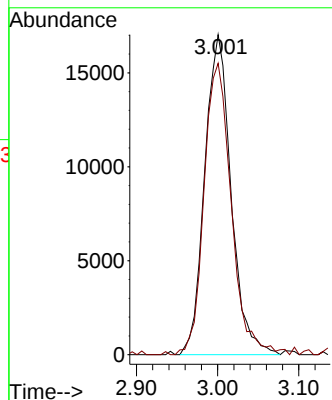
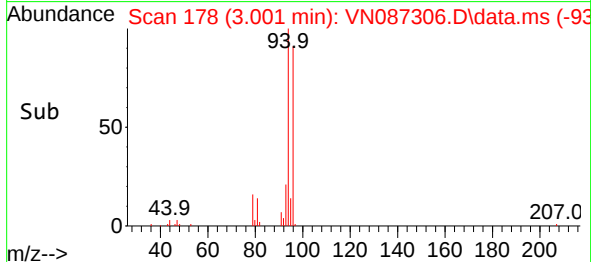
Instrument :
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Tgt Ion: 94 Resp: 38489
Ion Ratio Lower Upper
94 100
96 89.6 77.9 116.9

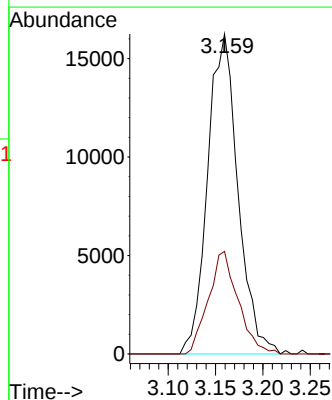
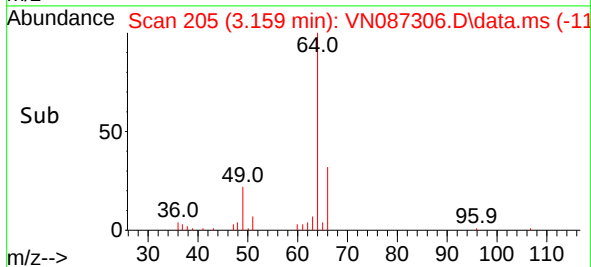
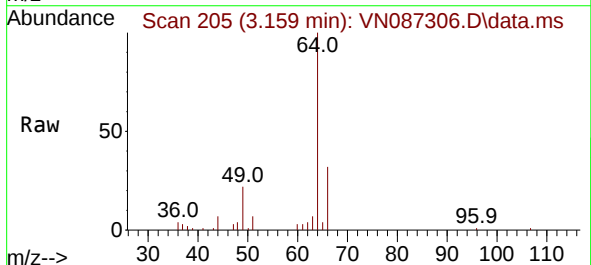
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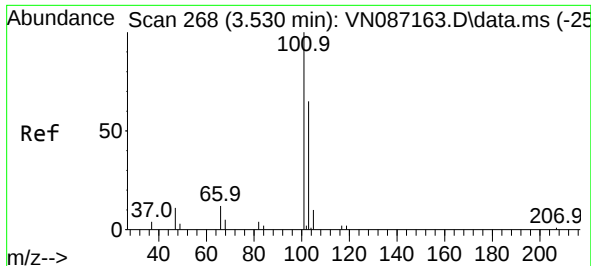
Reviewed By :John Carlone 07/10/2025
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#6
Chloroethane
Concen: 23.250 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

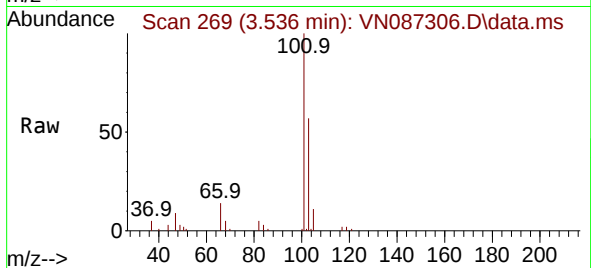
Tgt Ion: 64 Resp: 36195
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6





#7
Trichlorofluoromethane
Concen: 20.815 ug/l
RT: 3.536 min Scan# 269
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

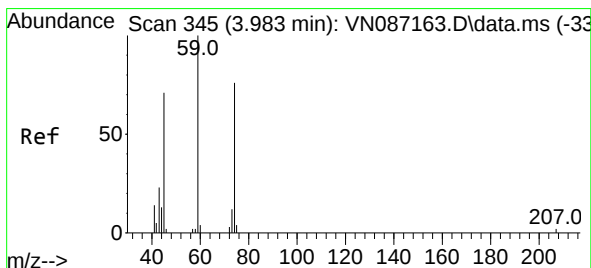
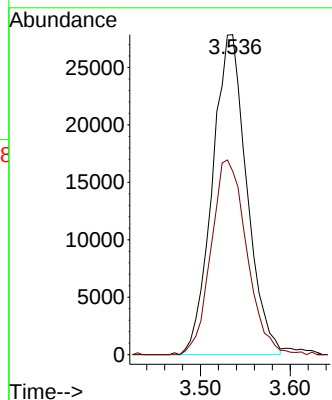
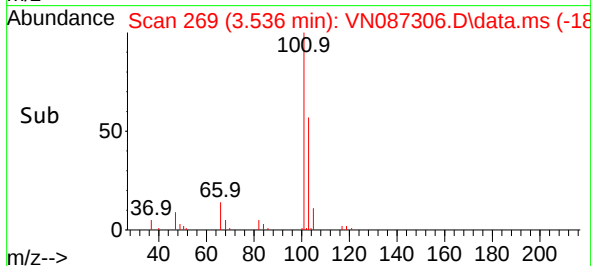
Instrument :
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Tgt Ion:101 Resp: 7409
Ion Ratio Lower Upper
101 100
103 57.4 51.8 77.8

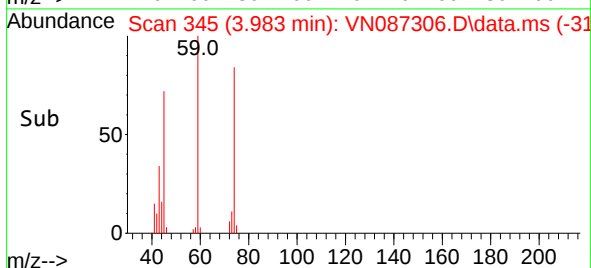
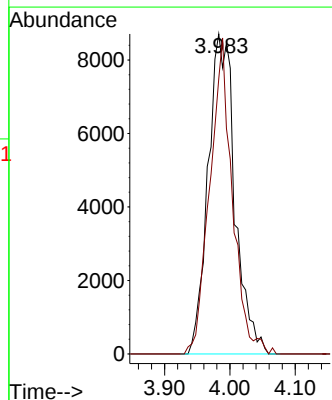
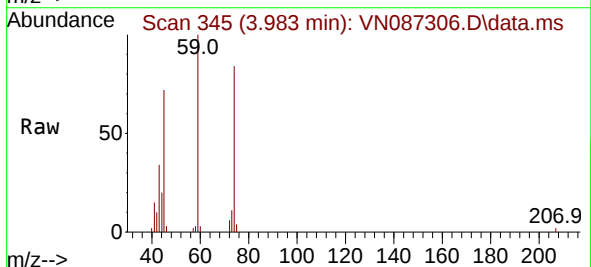
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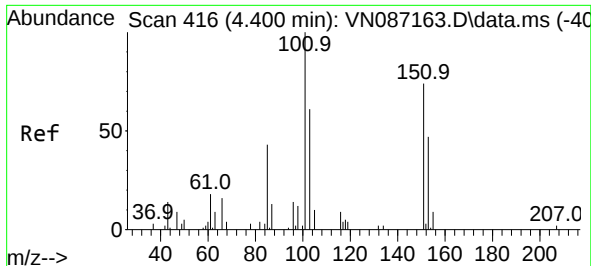
Reviewed By :John Carlone 07/10/2025
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#8
Diethyl Ether
Concen: 14.170 ug/l m
RT: 3.983 min Scan# 345
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion: 74 Resp: 24782
Ion Ratio Lower Upper
74 100
45 81.7 19.0 171.0





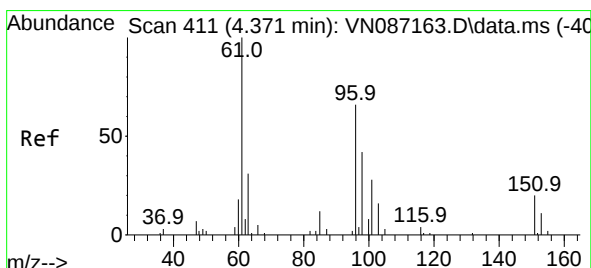
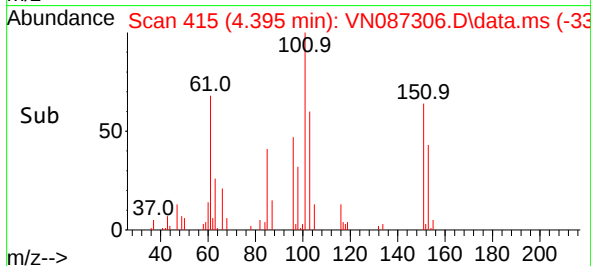
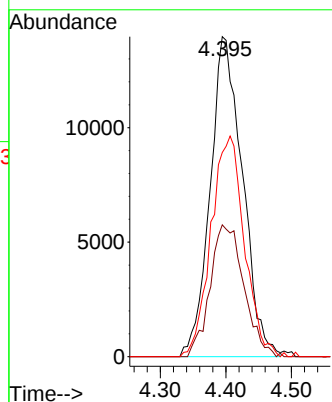
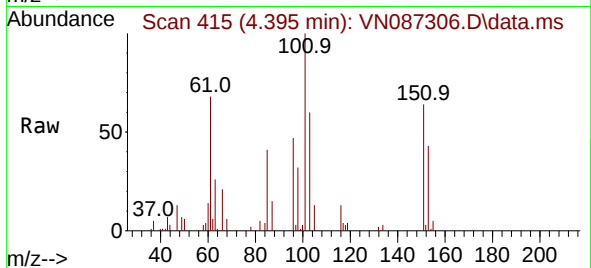
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1,1,2-Trichlorotrifluoroethane
Concen: 18.113 ug/l
RT: 4.395 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN087306.D
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VSTDCCC020

Tgt Ion:101 Resp: 4780
Ion Ratio Lower Upper
101 100
85 26.3 0.0 40.6
151 70.2 0.0 141.2

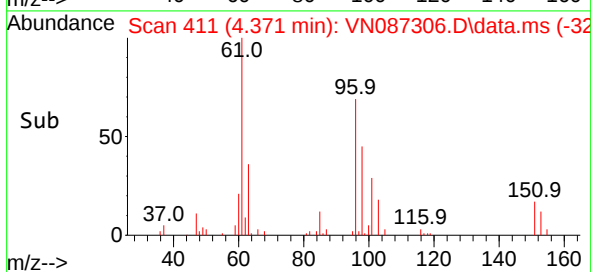
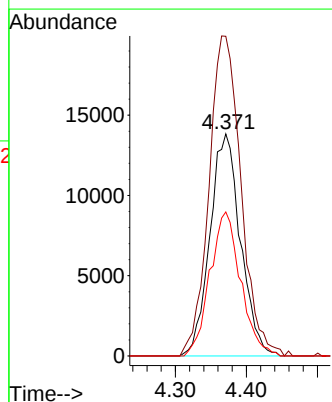
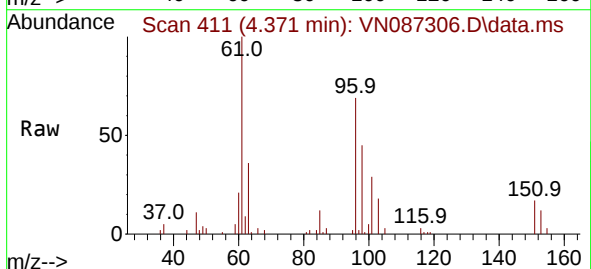
Manual Integrations
APPROVED

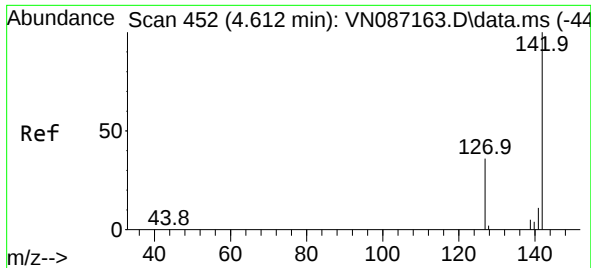
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#10
1,1-Dichloroethene
Concen: 15.694 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

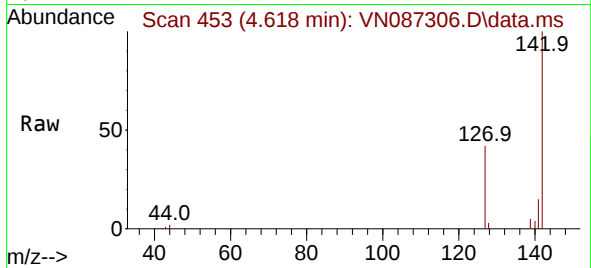
Tgt Ion: 96 Resp: 41288
Ion Ratio Lower Upper
96 100
61 144.0 122.0 183.0
98 64.8 50.3 75.5





#11
Methyl Iodide
Concen: 19.092 ug/l
RT: 4.618 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

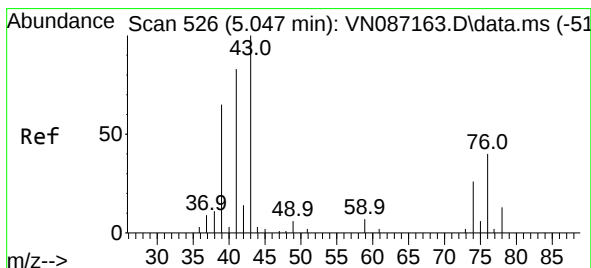
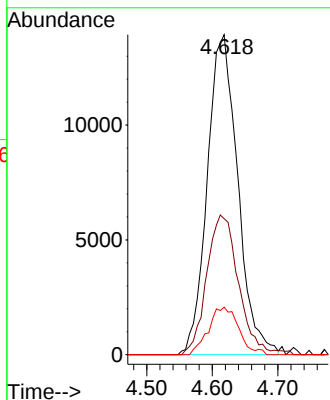
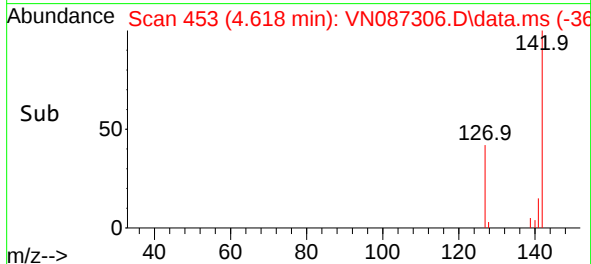
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:142 Resp: 44998
Ion Ratio Lower Upper
142 100
127 42.1 18.1 54.1
141 15.0 5.7 17.1

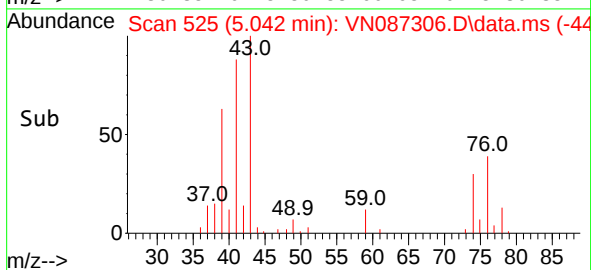
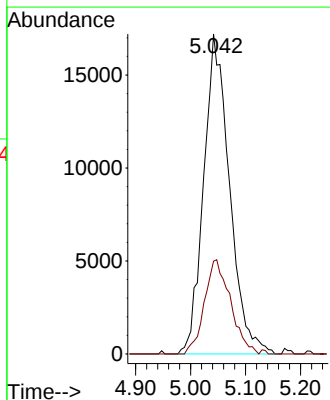
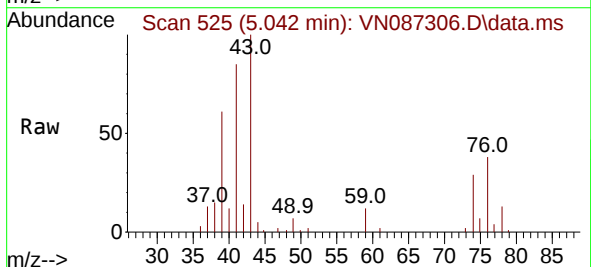
Manual Integrations
APPROVED

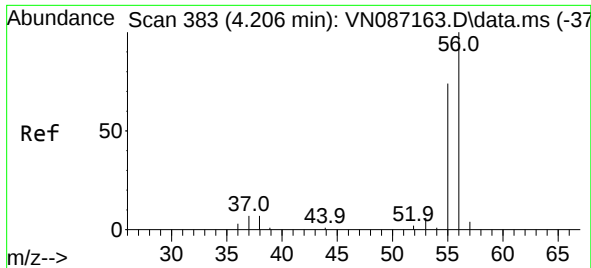
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#12
Methyl Acetate
Concen: 13.623 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

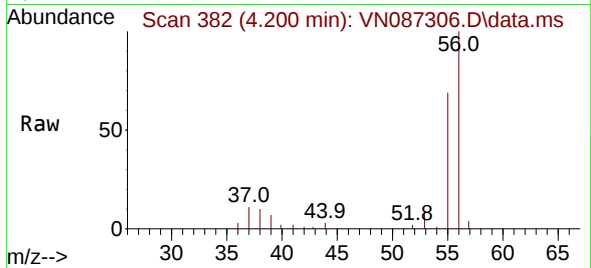
Tgt Ion: 43 Resp: 56216
Ion Ratio Lower Upper
43 100
74 29.0 20.3 30.5





#13
Acrolein
Concen: 71.253 ug/l
RT: 4.200 min Scan# 383
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

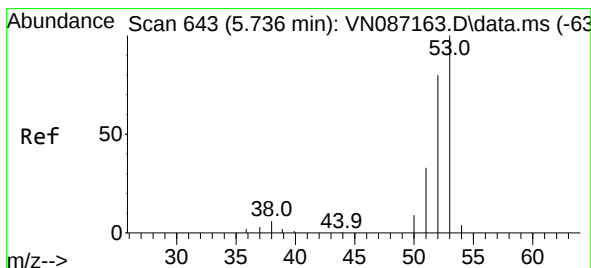
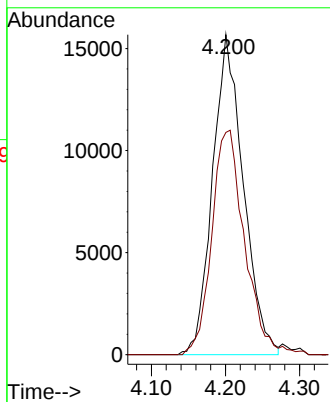
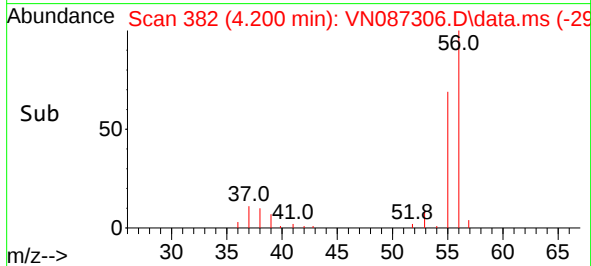
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



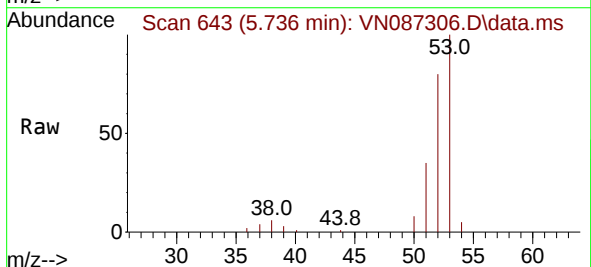
Tgt Ion: 56 Resp: 4518
Ion Ratio Lower Upper
56 100
55 73.8 55.7 83.5

Manual Integrations
APPROVED

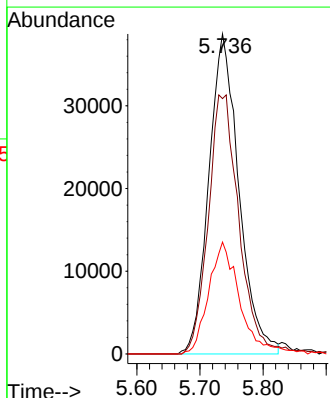
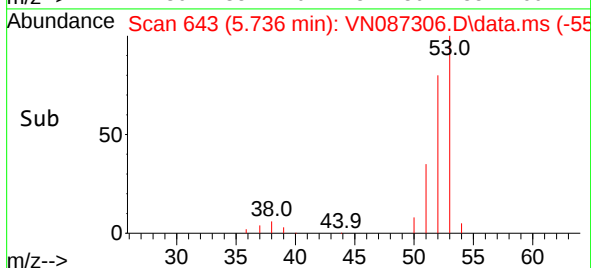
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

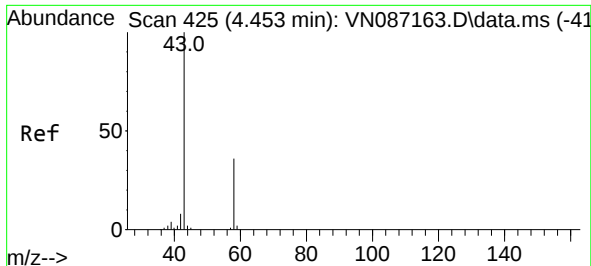


#14
Acrylonitrile
Concen: 66.585 ug/l
RT: 5.736 min Scan# 643
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



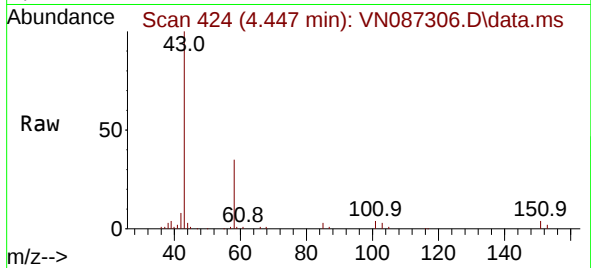
Tgt Ion: 53 Resp: 128164
Ion Ratio Lower Upper
53 100
52 82.6 40.5 121.5
51 36.0 16.9 50.7





#15
Acetone
Concen: 87.002 ug/l
RT: 4.447 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

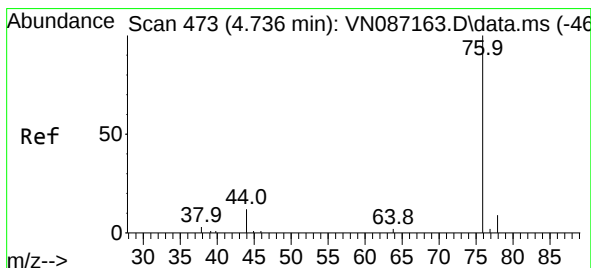
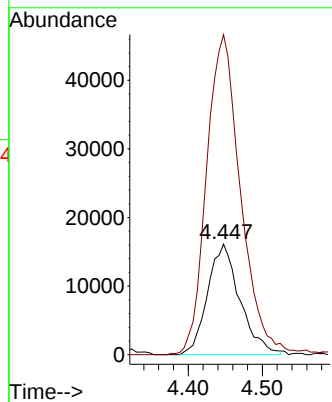
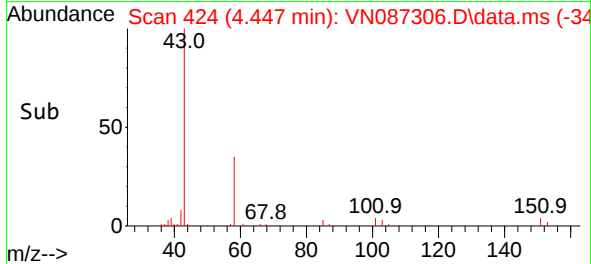
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 58 Resp: 48849
Ion Ratio Lower Upper
58 100
43 287.6 224.3 336.5

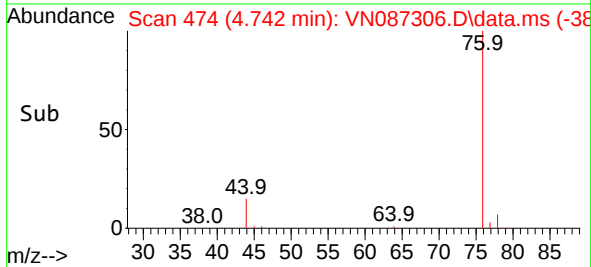
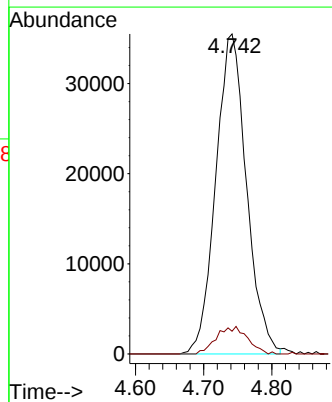
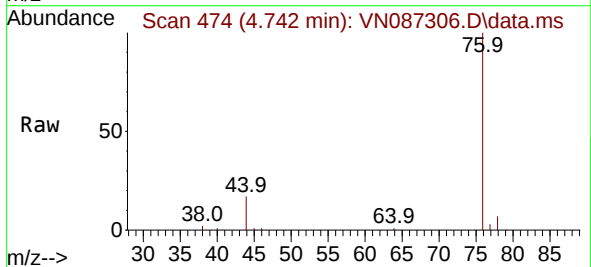
Manual Integrations
APPROVED

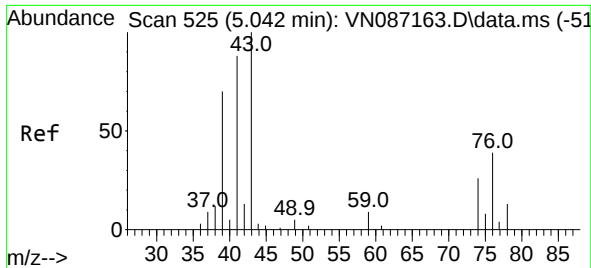
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#16
Carbon Disulfide
Concen: 14.447 ug/l
RT: 4.742 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

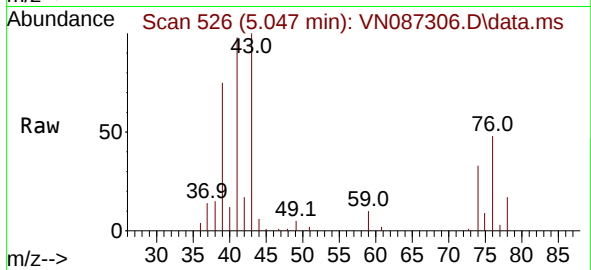
Tgt Ion: 76 Resp: 111130
Ion Ratio Lower Upper
76 100
78 7.1 7.2 10.8#





#17
 Allyl chloride
 Concen: 11.515 ug/l
 RT: 5.047 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN087306.D
 Acq: 09 Jul 2025 09:57

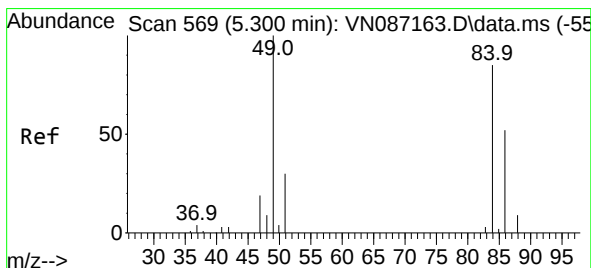
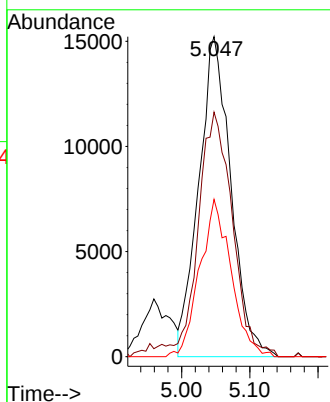
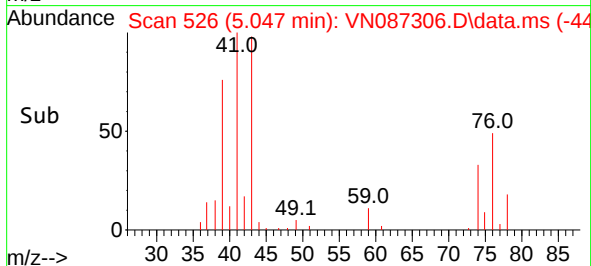
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 4996
 Ion Ratio Lower Upper
 41 100
 39 76.4 36.0 108.0
 76 49.2 19.5 58.5

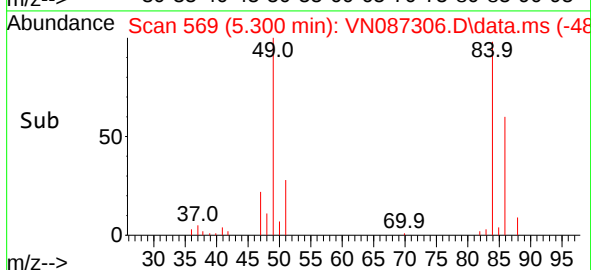
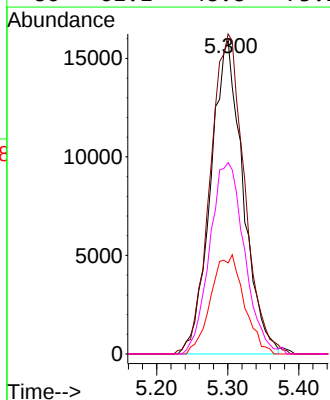
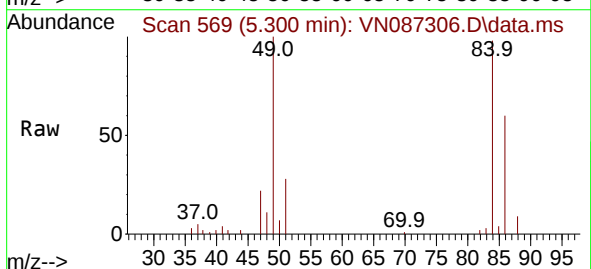
Manual Integrations
 APPROVED

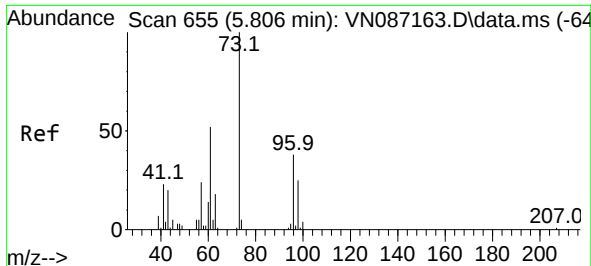
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#18
 Methylene Chloride
 Concen: 16.529 ug/l
 RT: 5.300 min Scan# 569
 Delta R.T. 0.000 min
 Lab File: VN087306.D
 Acq: 09 Jul 2025 09:57

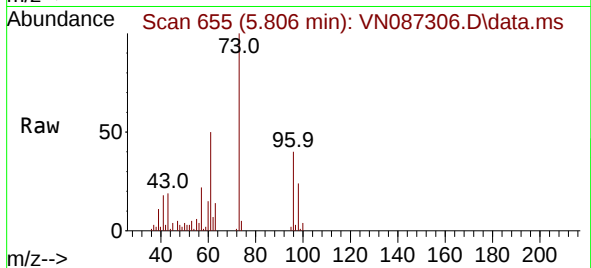
Tgt Ion: 84 Resp: 50377
 Ion Ratio Lower Upper
 84 100
 49 101.0 94.0 141.0
 51 29.1 28.3 42.5
 86 61.1 48.8 73.2





#19
trans-1,2-Dichloroethene
Concen: 16.573 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

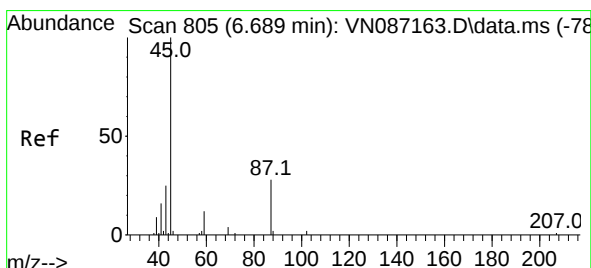
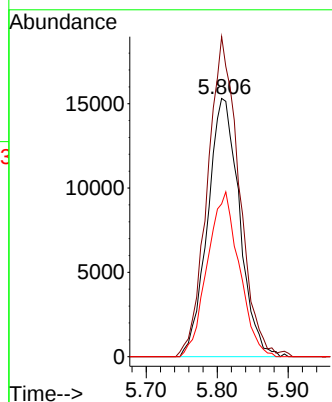
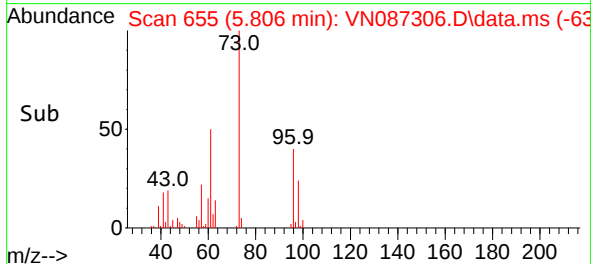
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 96 Resp: 47680
Ion Ratio Lower Upper
96 100
61 122.2 110.3 165.5
98 59.2 51.6 77.4

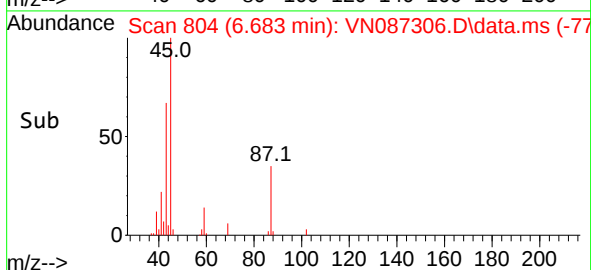
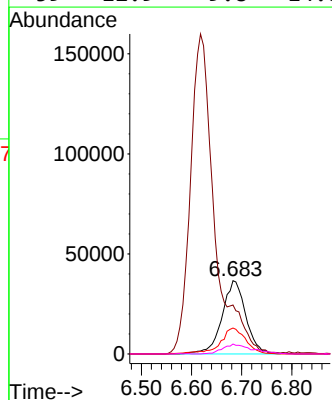
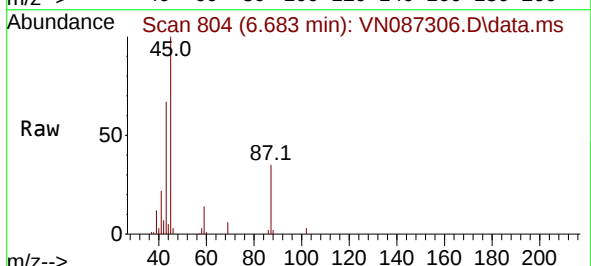
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#20
Diisopropyl ether
Concen: 13.089 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion: 45 Resp: 120502
Ion Ratio Lower Upper
45 100
43 65.4 45.3 67.9
87 35.5 22.6 33.8#
59 12.9 9.8 14.8





#21

1,1-Dichloroethane

Concen: 14.860 ug/l

RT: 6.589 min Scan# 787

Delta R.T. 0.006 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 81762

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

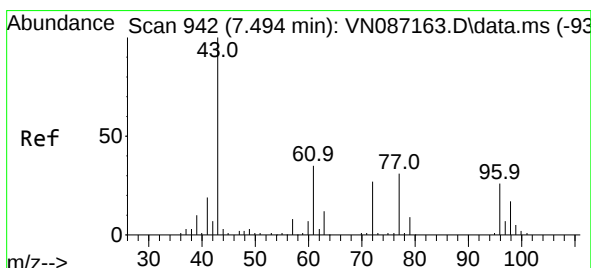
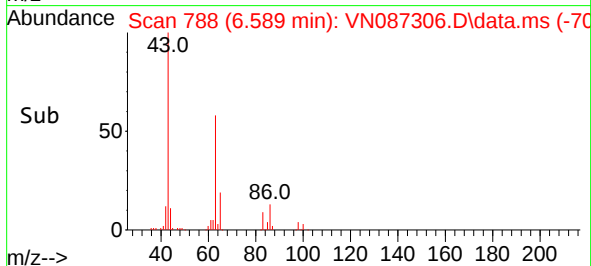
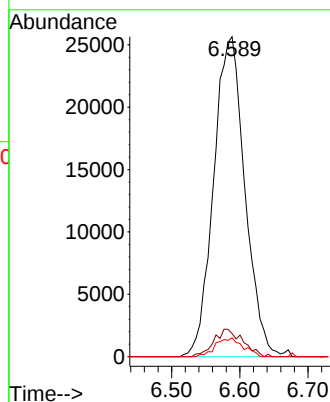
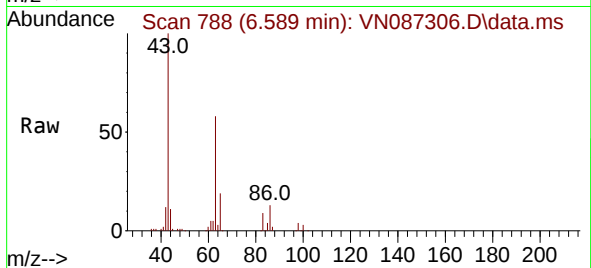
100 5.9 2.0 5.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#22

cis-1,2-Dichloroethene

Concen: 16.531 ug/l

RT: 7.494 min Scan# 942

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

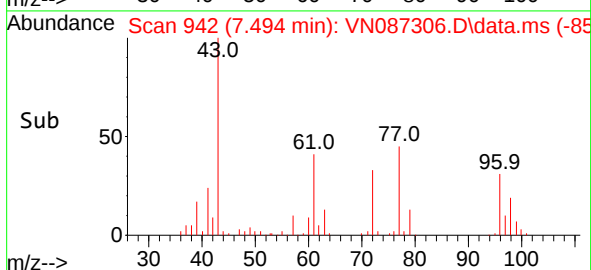
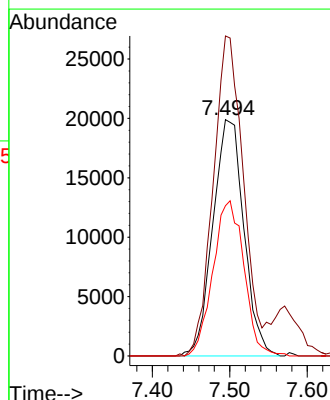
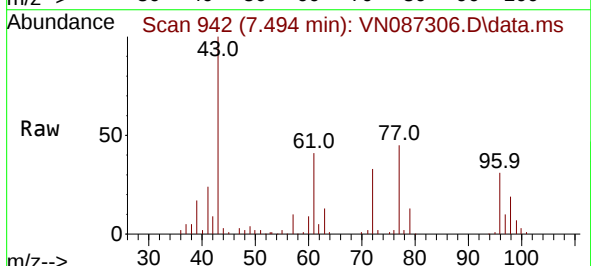
Tgt Ion: 96 Resp: 55352

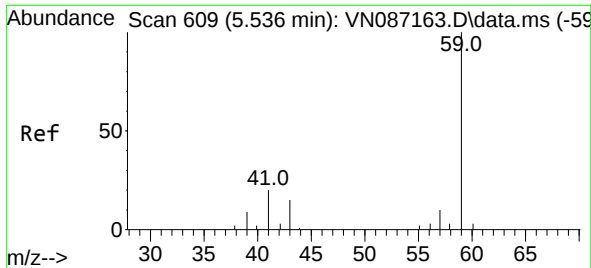
Ion Ratio Lower Upper

96 100

61 130.7 119.2 178.8

98 65.6 50.6 75.8





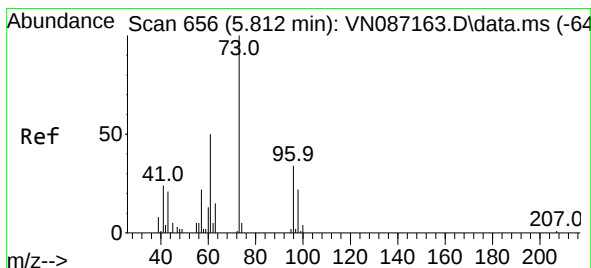
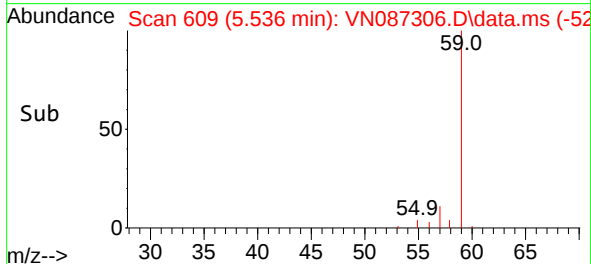
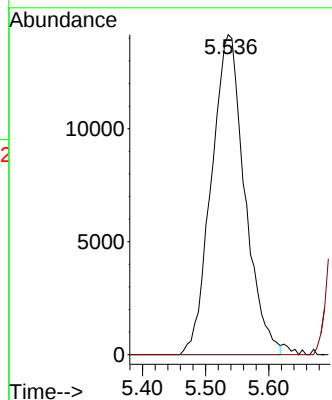
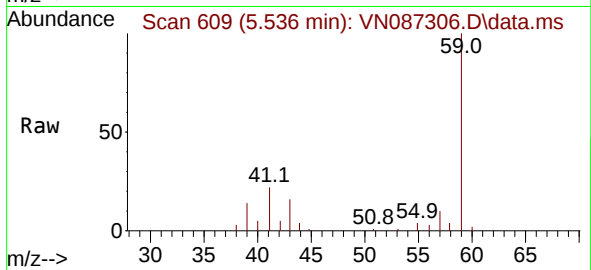
#23
tert-Butyl Alcohol
Concen: 71.746 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 51930
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

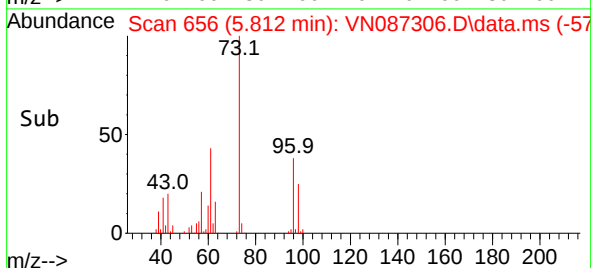
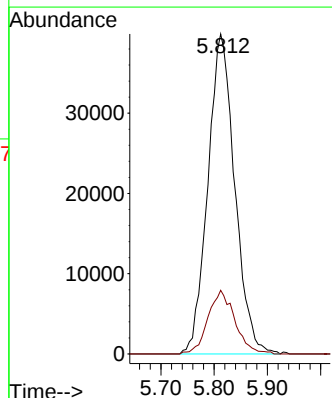
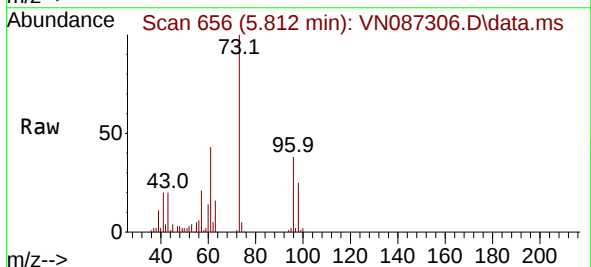
Manual Integrations
APPROVED

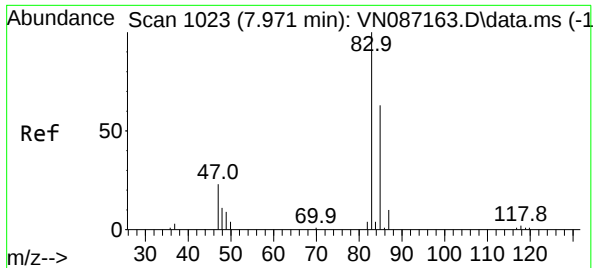
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#24
Methyl tert-Butyl Ether
Concen: 15.160 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion: 73 Resp: 139882
Ion Ratio Lower Upper
73 100
43 18.9 16.4 24.6





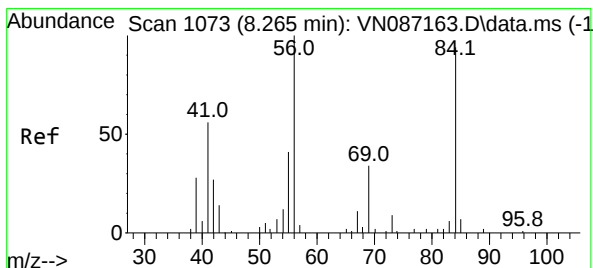
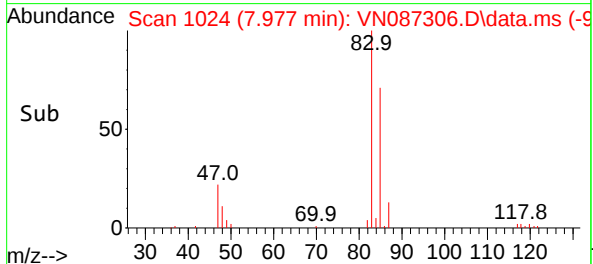
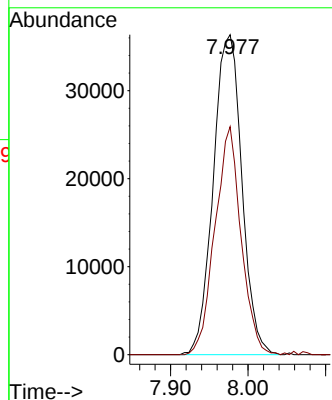
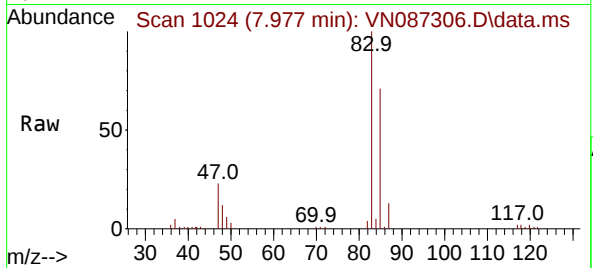
#25
Chloroform
Concen: 17.706 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 93336
Ion Ratio Lower Upper
83 100
85 71.2 50.7 76.1

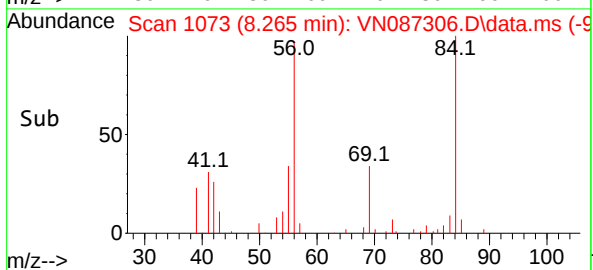
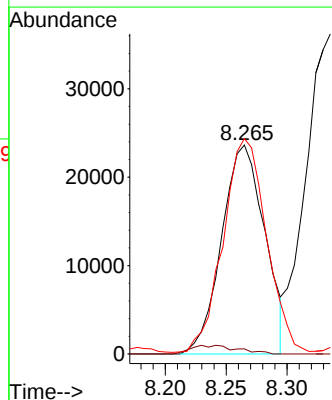
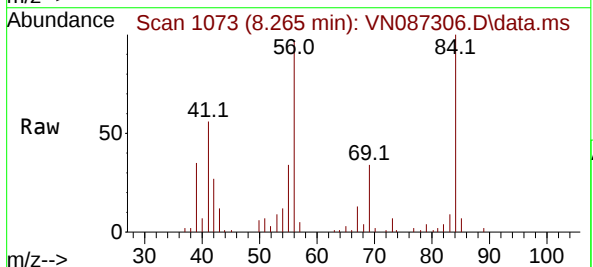
Manual Integrations
APPROVED

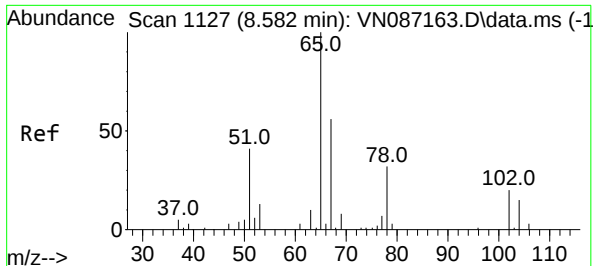
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#26
Cyclohexane
Concen: 12.722 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

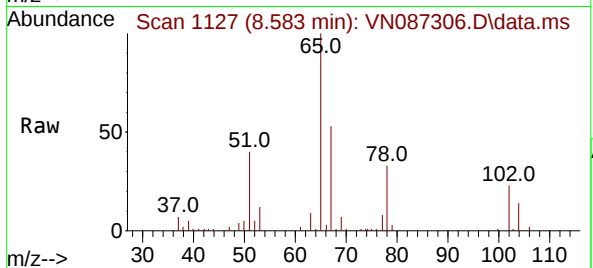
Tgt Ion: 56 Resp: 58185
Ion Ratio Lower Upper
56 100
89 0.8 6.9 10.3#
84 102.1 69.1 103.7





#27
1,2-Dichloroethane-d4
Concen: 28.218 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

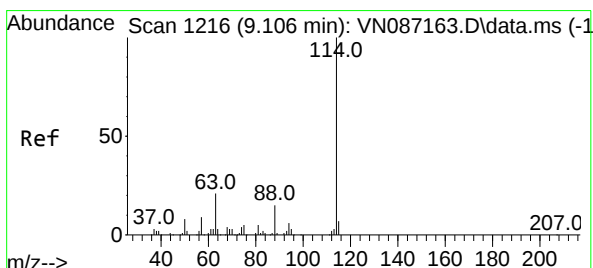
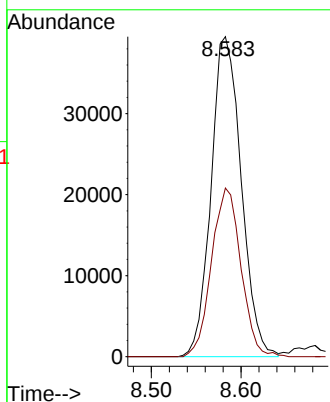
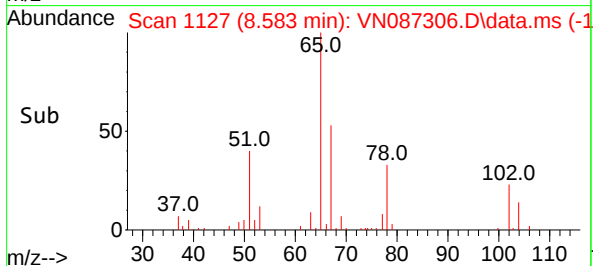
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



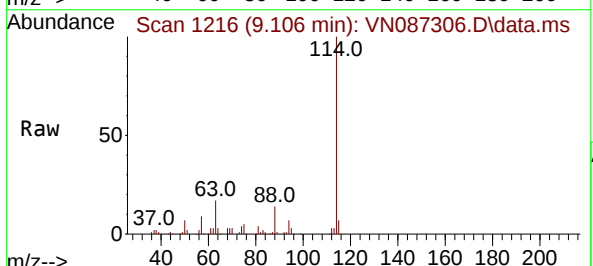
Tgt Ion: 65 Resp: 92330
Ion Ratio Lower Upper
65 100
67 51.2 41.9 62.9

Manual Integrations
APPROVED

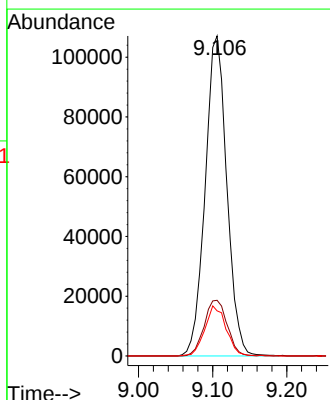
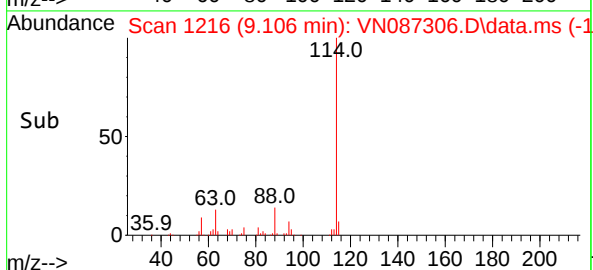
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

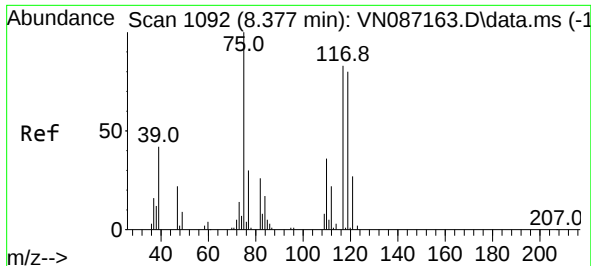


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



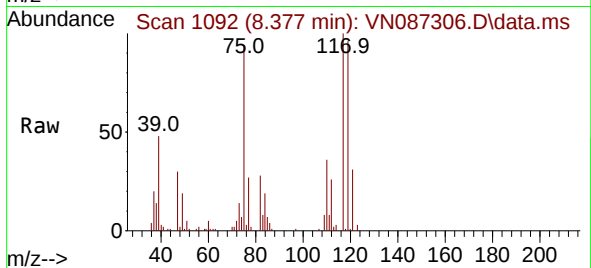
Tgt Ion: 114 Resp: 217232
Ion Ratio Lower Upper
114 100
63 18.5 17.0 25.4
88 15.4 12.6 19.0





#29
1,1-Dichloropropene
Concen: 17.418 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

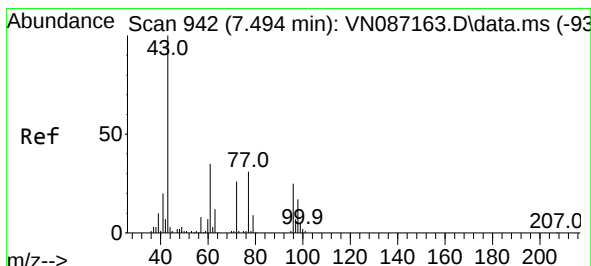
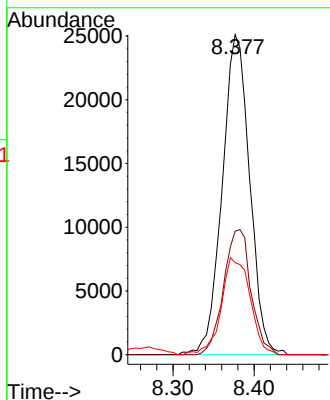
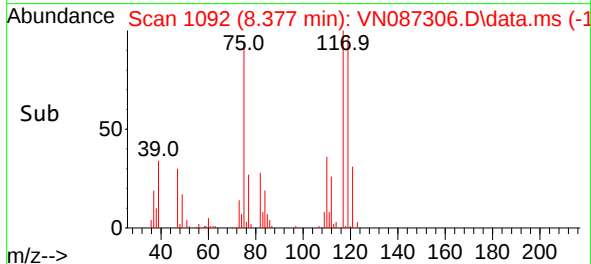
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



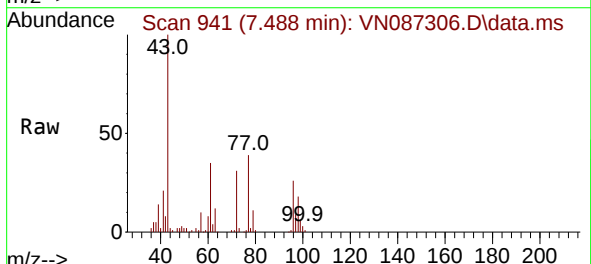
Tgt Ion: 75 Resp: 58974
Ion Ratio Lower Upper
75 100
110 38.9 0.0 69.2
77 31.4 0.0 61.8

Manual Integrations
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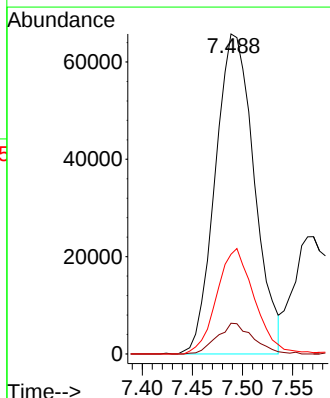
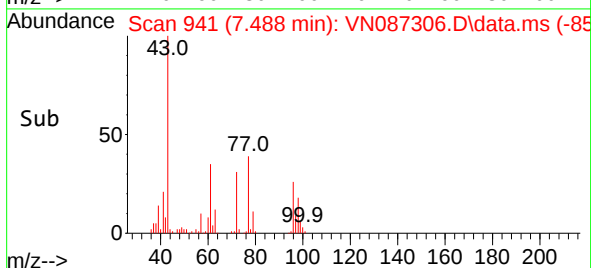
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#30
2-Butanone
Concen: 77.944 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



Tgt Ion: 43 Resp: 178020
Ion Ratio Lower Upper
43 100
57 8.8 6.3 9.5
72 31.8 21.8 32.6





#31

2,2-Dichloropropane

Concen: 20.315 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.006 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 77 Resp: 8303

Ion Ratio Lower Upper

77 100

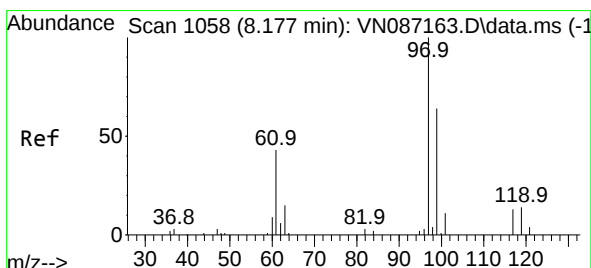
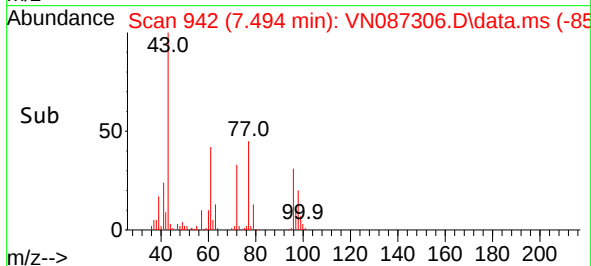
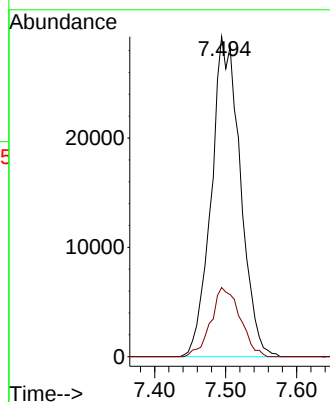
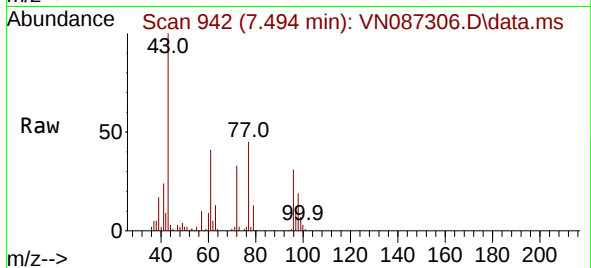
97 21.7 18.4 27.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#32

1,1,1-Trichloroethane

Concen: 21.597 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

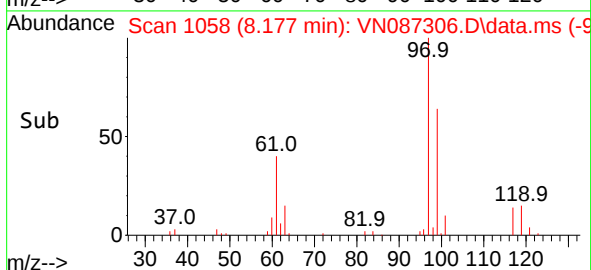
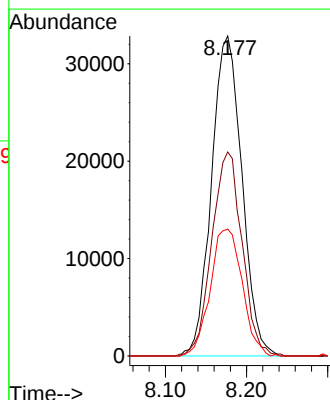
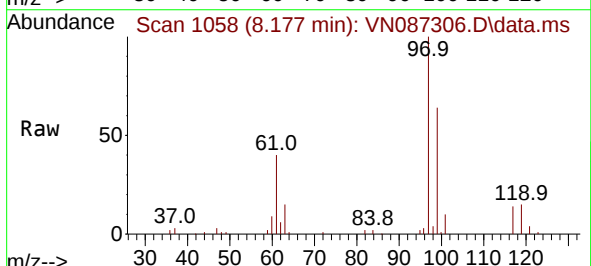
Tgt Ion: 97 Resp: 85428

Ion Ratio Lower Upper

97 100

99 63.4 50.8 76.2

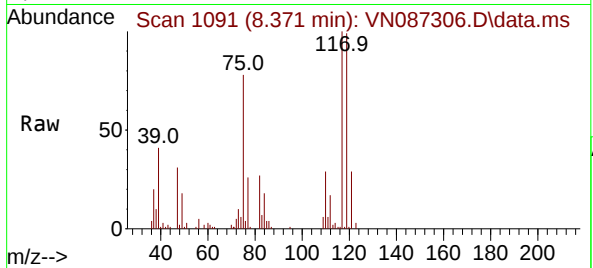
61 41.7 36.1 54.1





#33
Carbon Tetrachloride
Concen: 21.773 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

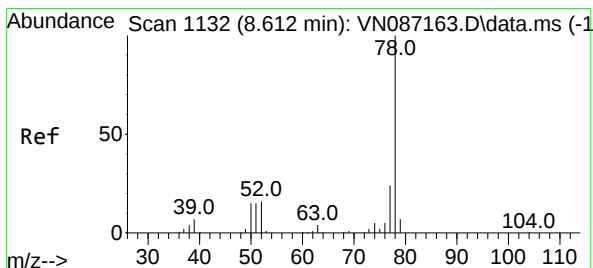
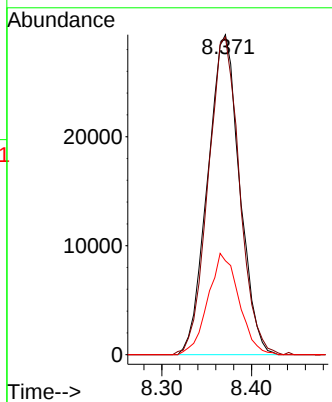
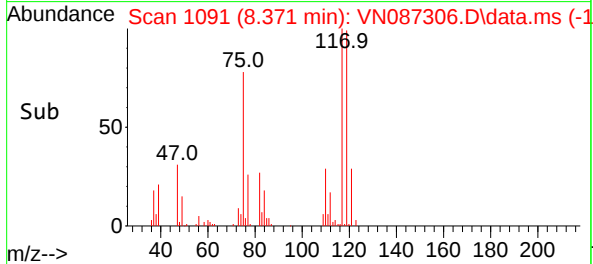
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 117 Resp: 72479
Ion Ratio Lower Upper
117 100
119 98.8 75.8 113.6
121 29.3 26.2 39.4

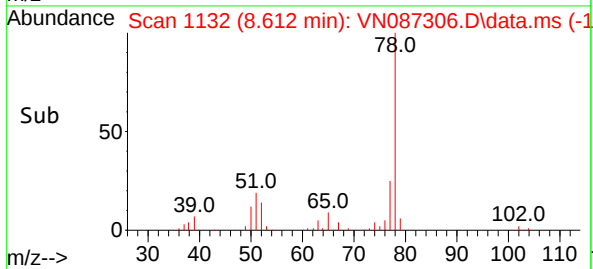
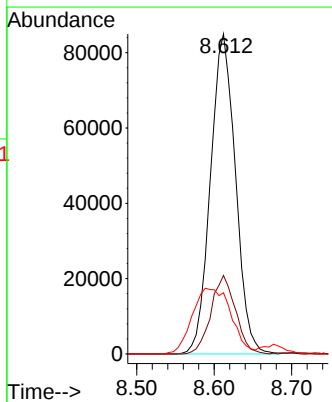
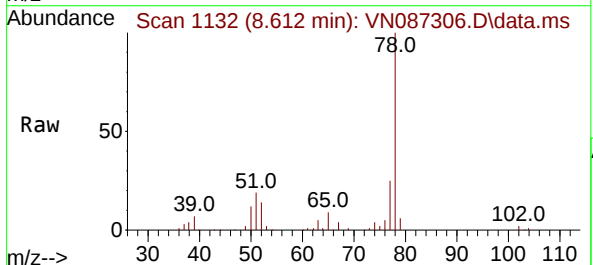
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#34
Benzene
Concen: 17.779 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

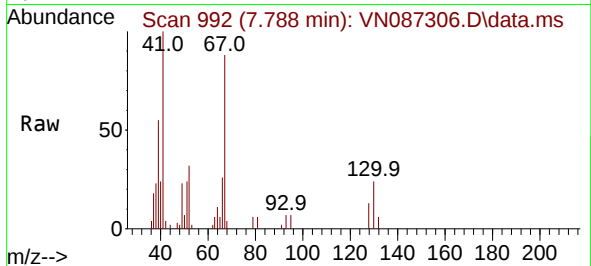
Tgt Ion: 78 Resp: 190712
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3
51 17.2 14.8 22.2





#35
Methacrylonitrile
Concen: 14.071 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

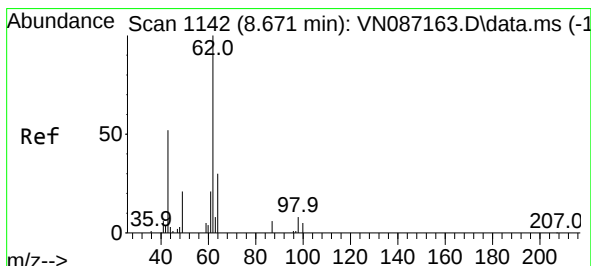
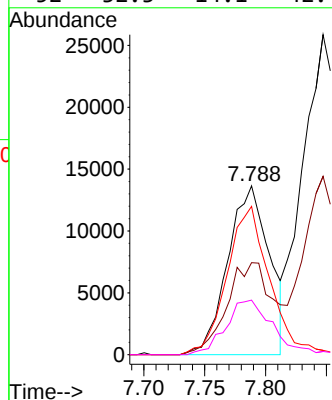
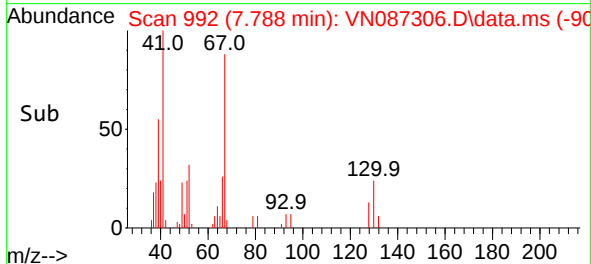
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



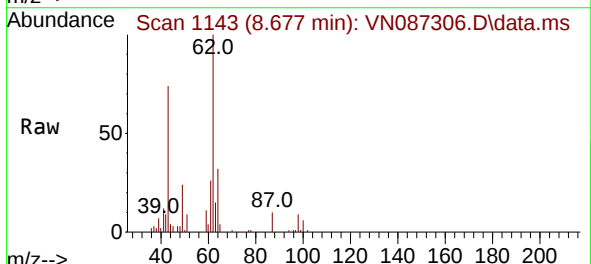
Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.5	24.4	73.2
67	87.9	33.3	99.8
52	32.3	14.1	42.4

Manual Integrations
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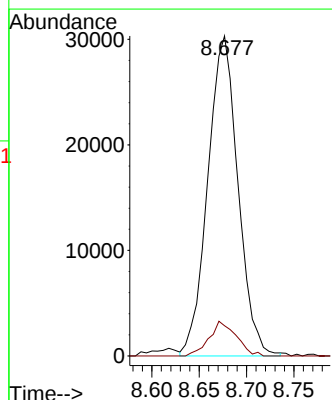
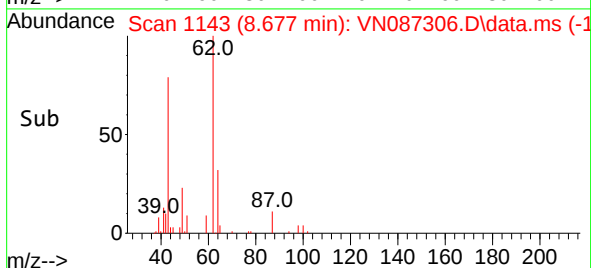
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

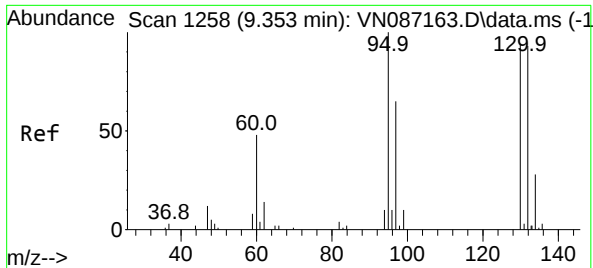


#36
1,2-Dichloroethane
Concen: 19.425 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	7.2	10.8





#37

Trichloroethene

Concen: 19.739 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:130 Resp: 4883

Ion Ratio Lower Upper

130 100

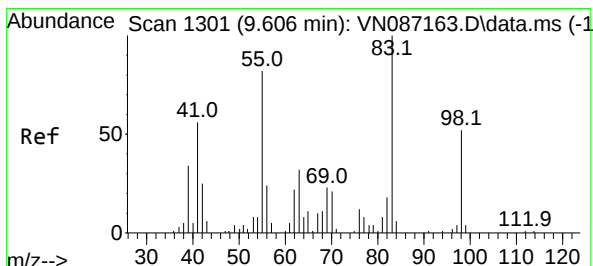
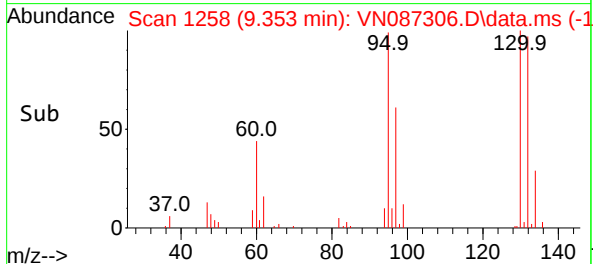
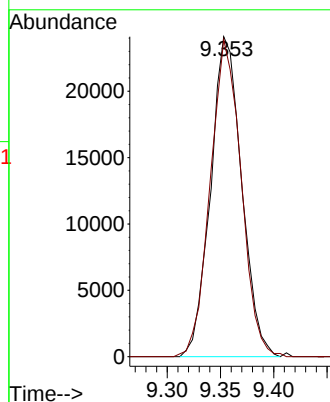
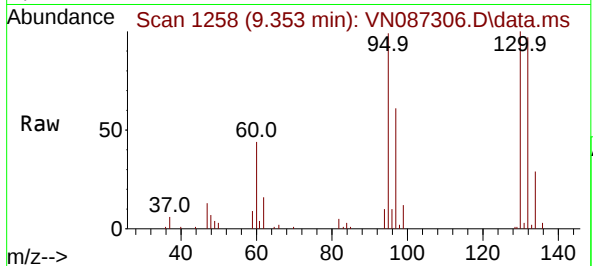
95 98.1 85.3 127.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#38

Methylcyclohexane

Concen: 16.559 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.006 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

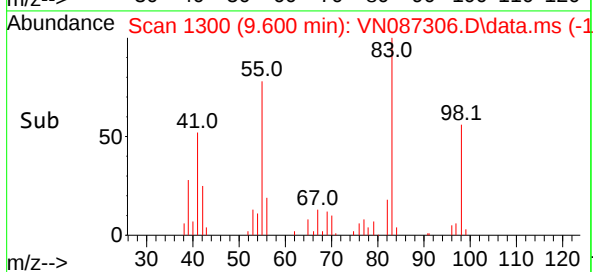
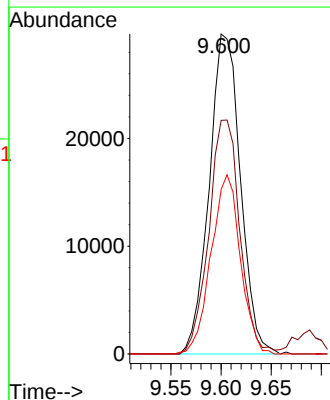
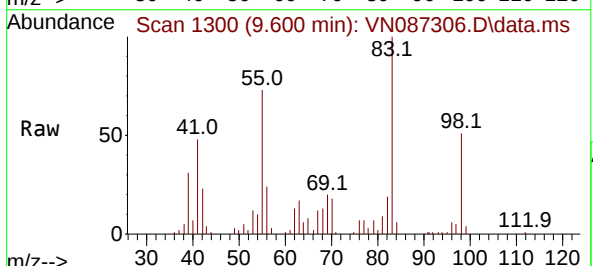
Tgt Ion: 83 Resp: 64330

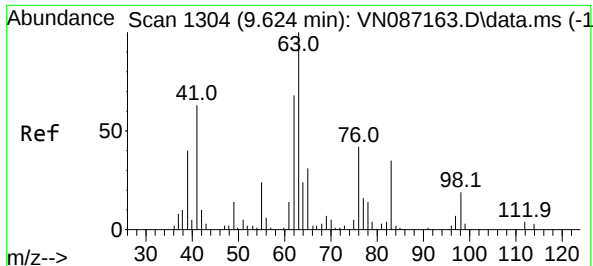
Ion Ratio Lower Upper

83 100

55 72.4 40.1 120.2

98 52.7 24.4 73.2





#39

1,2-Dichloropropane

Concen: 17.017 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 63 Resp: 4581

Ion Ratio Lower Upper

63 100

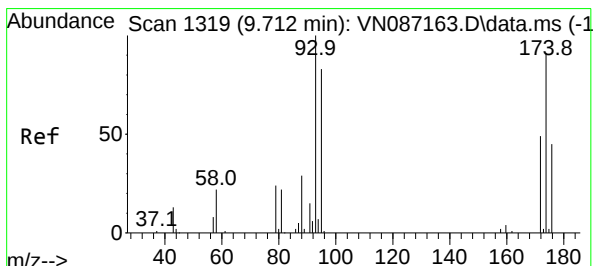
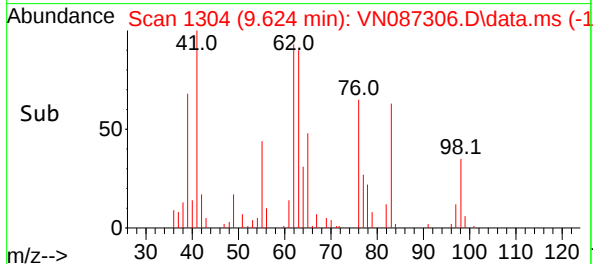
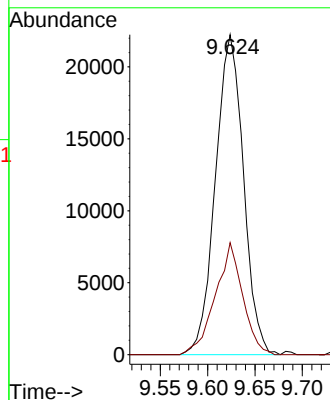
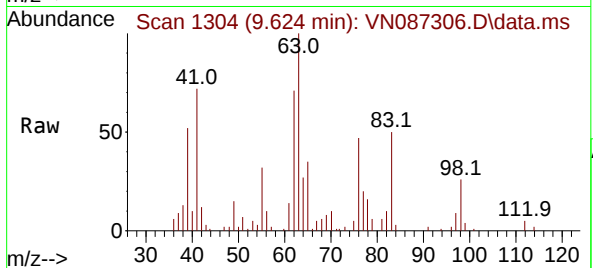
65 35.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#40

Dibromomethane

Concen: 20.206 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

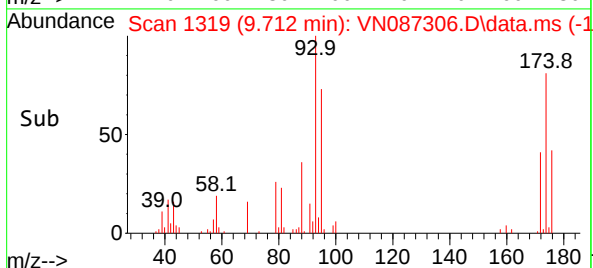
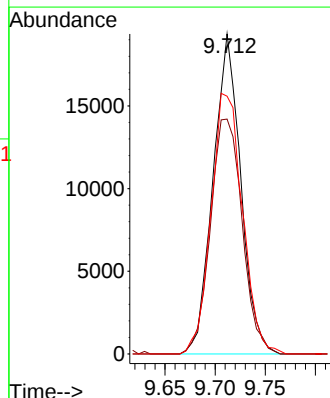
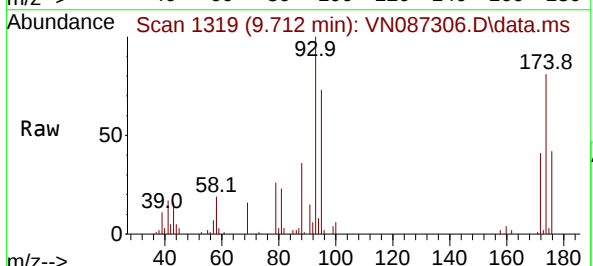
Tgt Ion: 93 Resp: 36991

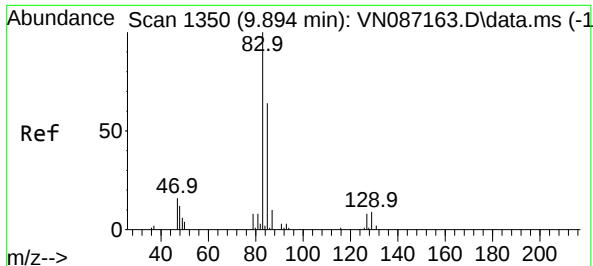
Ion Ratio Lower Upper

93 100

95 84.5 0.0 170.8

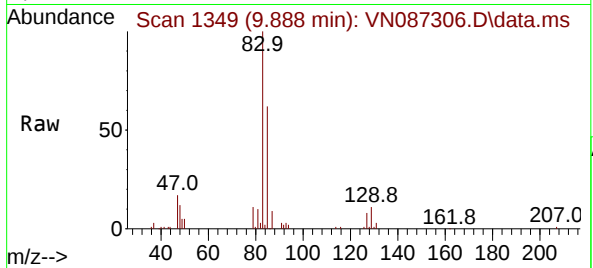
174 92.8 0.0 176.6





#41
Bromodichloromethane
Concen: 19.846 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

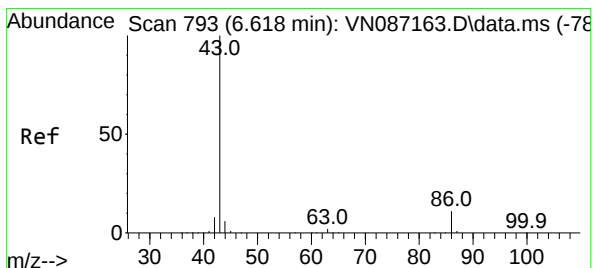
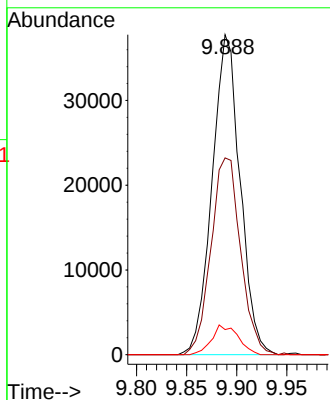
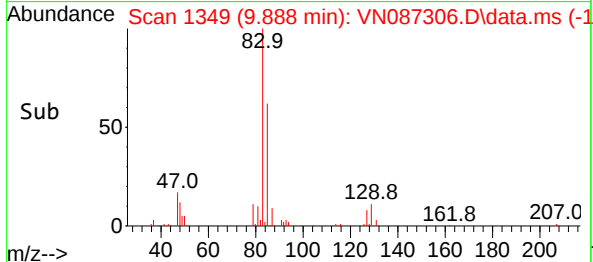
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 83 Resp: 7333
Ion Ratio Lower Upper
83 100
85 61.5 51.4 77.2
127 7.9 6.1 9.1

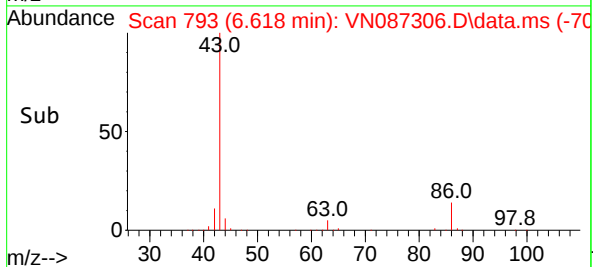
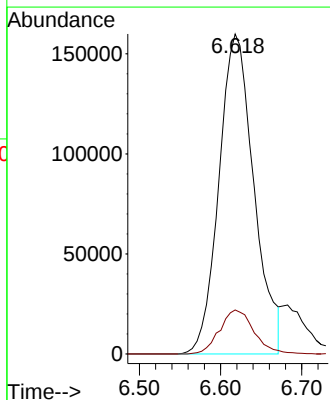
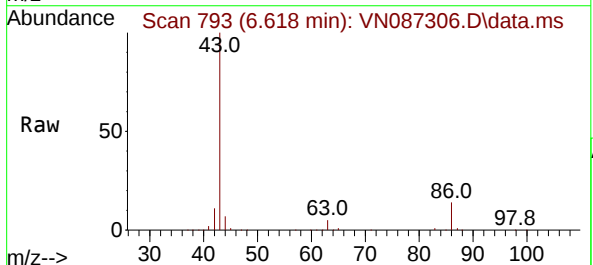
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#42
Vinyl Acetate
Concen: 64.478 ug/l
RT: 6.618 min Scan# 793
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

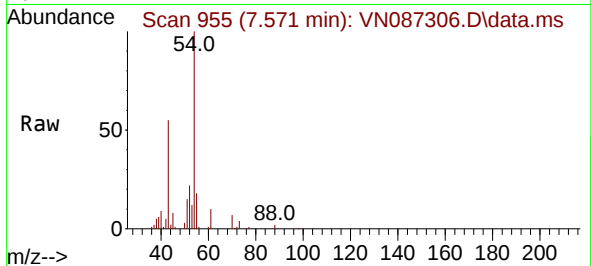
Tgt Ion: 43 Resp: 478981
Ion Ratio Lower Upper
43 100
86 13.5 7.7 11.5





#43
Ethyl Acetate
Concen: 16.005 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

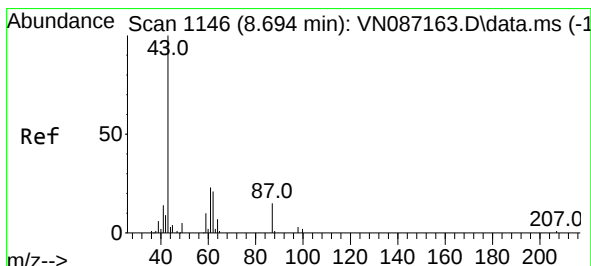
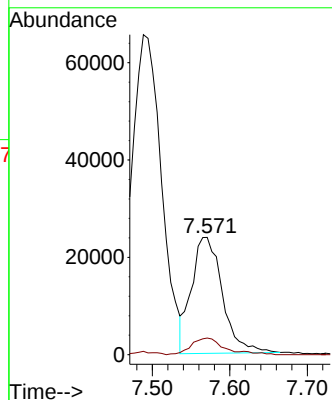
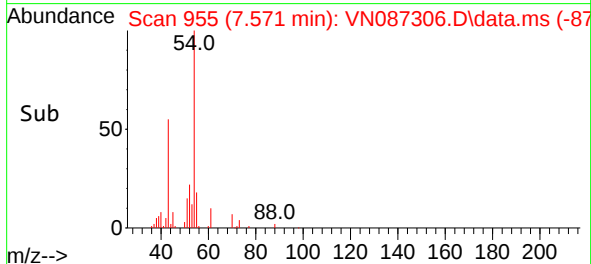
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



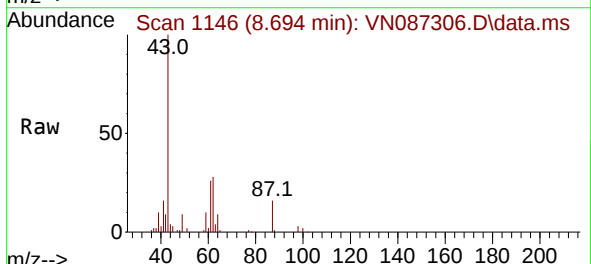
Tgt Ion: 43 Resp: 65989
Ion Ratio Lower Upper
43 100
45 14.0 11.5 17.3

Manual Integrations
APPROVED

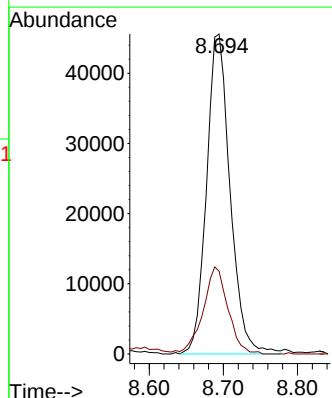
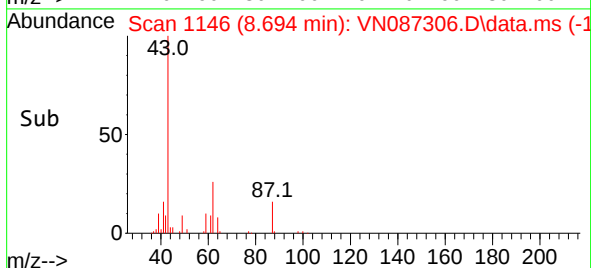
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

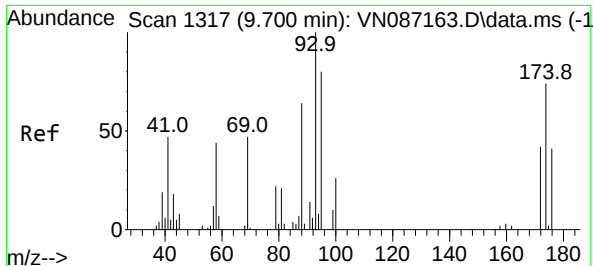


#44
Isopropyl Acetate
Concen: 15.009 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



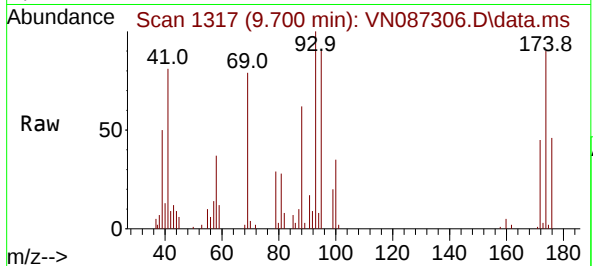
Tgt Ion: 43 Resp: 100825
Ion Ratio Lower Upper
43 100
61 28.7 20.5 30.7





#45
1,4-Dioxane
Concen: 402.845 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

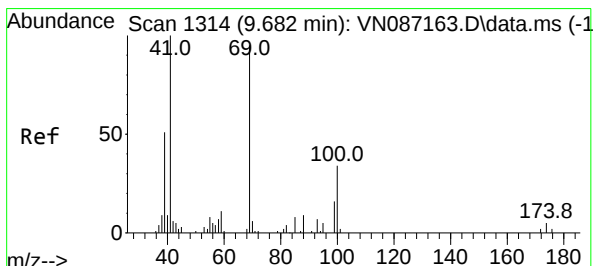
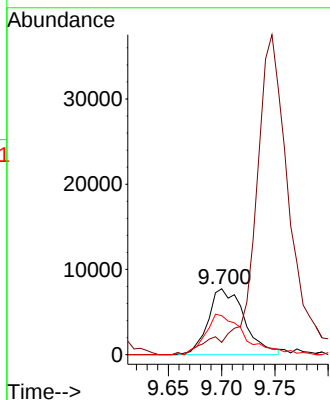
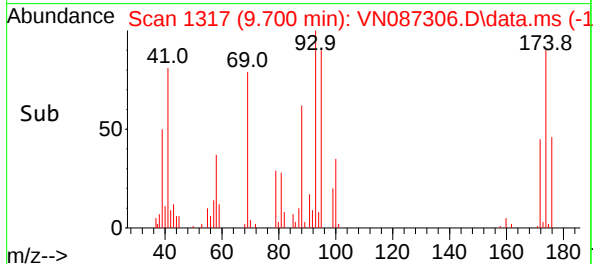
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



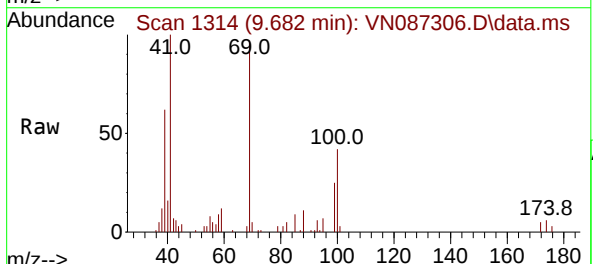
Tgt Ion: 88 Resp: 18300
Ion Ratio Lower Upper
88 100
43 15.6 21.3 31.9
58 57.2 61.7 92.5

Manual Integrations
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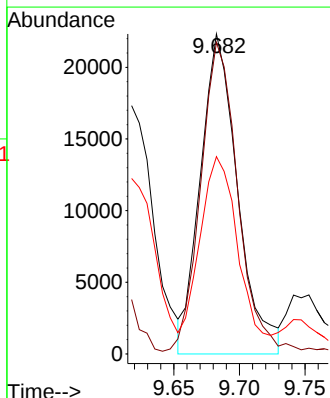
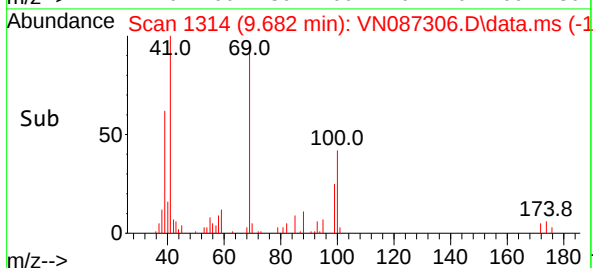
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

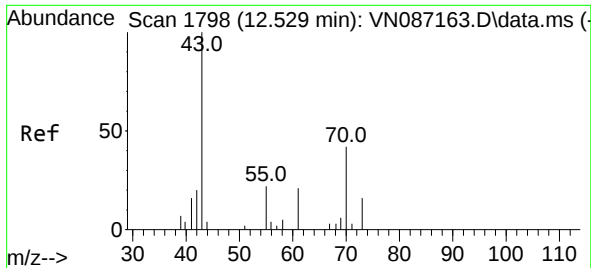


#46
Methyl methacrylate
Concen: 14.118 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



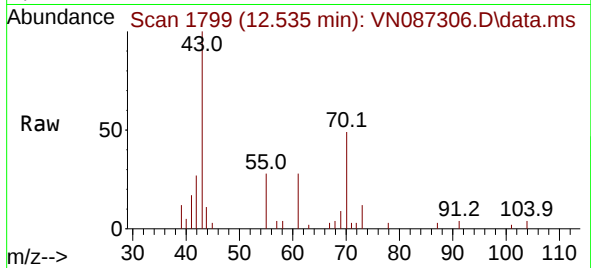
Tgt Ion: 41 Resp: 44087
Ion Ratio Lower Upper
41 100
69 103.4 45.6 136.9
39 59.9 26.2 78.5





#47
n-amyl Acetate
Concen: 18.564 ug/l m
RT: 12.535 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

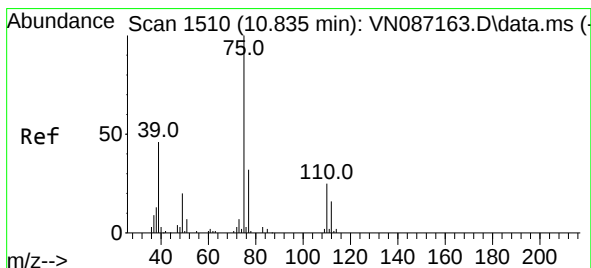
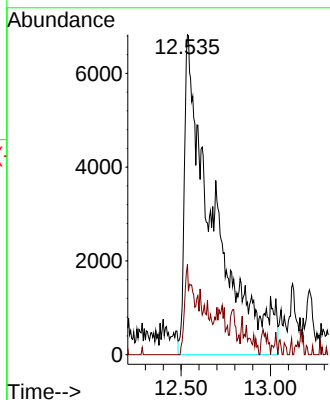
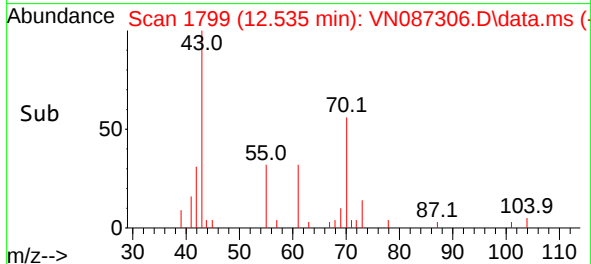
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 43 Resp: 7624
Ion Ratio Lower Upper
43 100
55 3.9 0.0 0.0

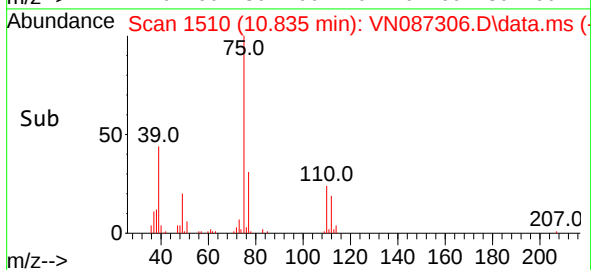
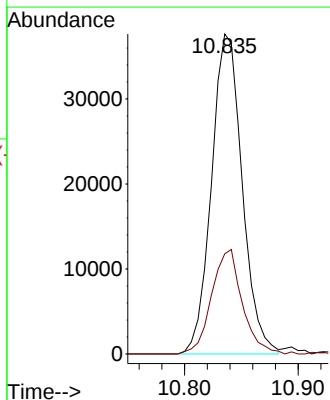
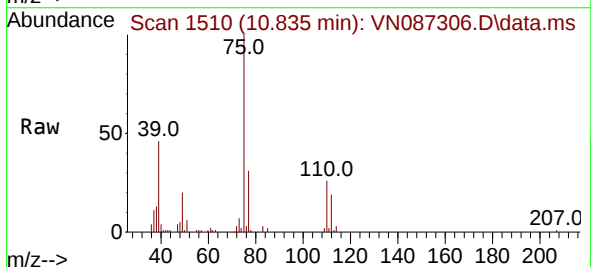
Manual Integrations
APPROVED

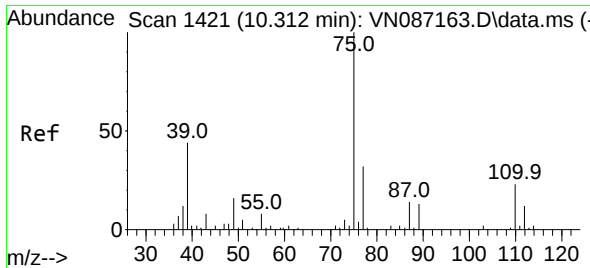
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#48
t-1,3-Dichloropropene
Concen: 17.179 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

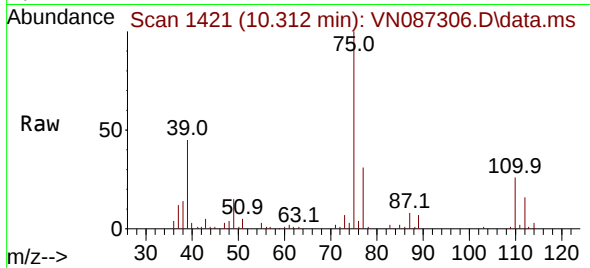
Tgt Ion: 75 Resp: 70765
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0





#49
 cis-1,3-Dichloropropene
 Concen: 17.192 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN087306.D
 Acq: 09 Jul 2025 09:57

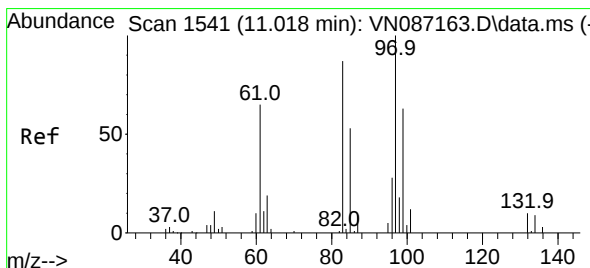
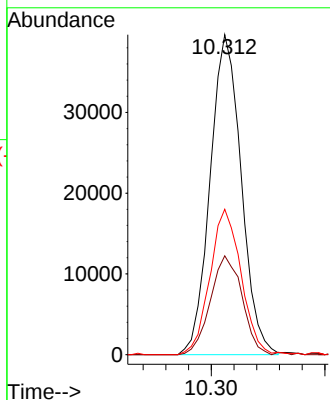
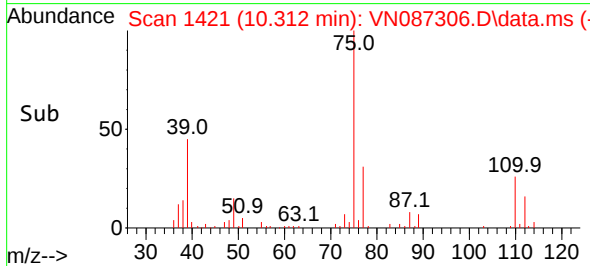
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 75 Resp: 75288
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.4 38.2
 39 45.4 35.3 52.9

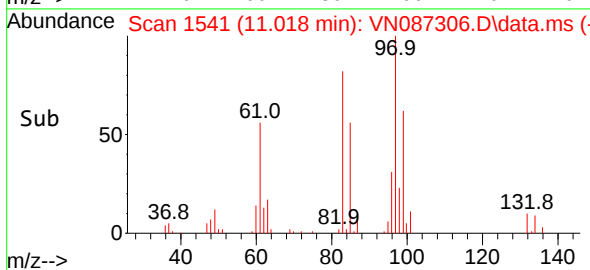
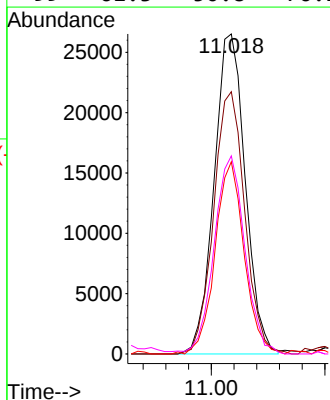
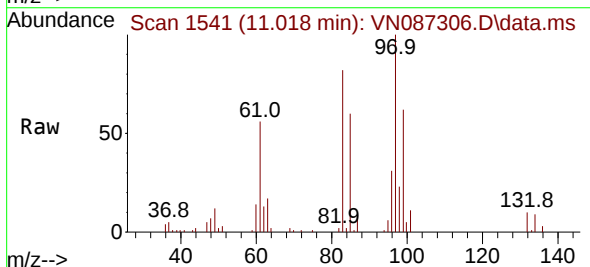
Manual Integrations
 APPROVED

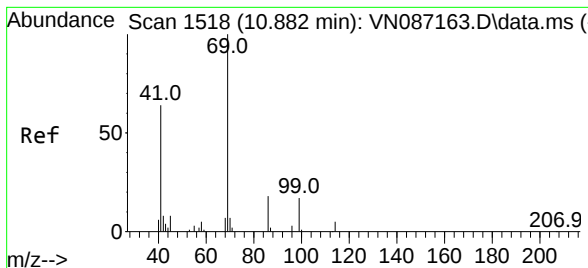
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#50
 1,1,2-Trichloroethane
 Concen: 19.408 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. 0.000 min
 Lab File: VN087306.D
 Acq: 09 Jul 2025 09:57

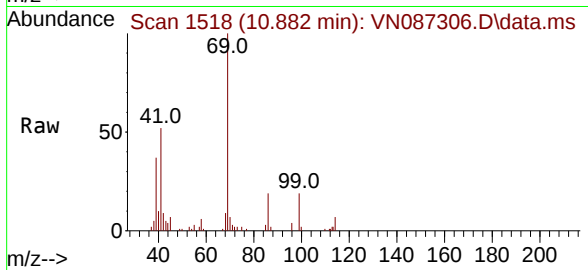
Tgt Ion: 97 Resp: 50472
 Ion Ratio Lower Upper
 97 100
 83 82.0 69.6 104.4
 85 59.4 42.0 63.0
 99 61.3 50.8 76.2





#51
Ethyl methacrylate
Concen: 15.225 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

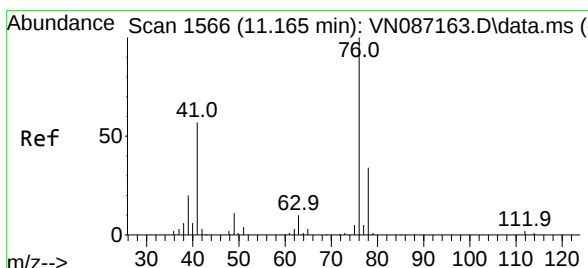
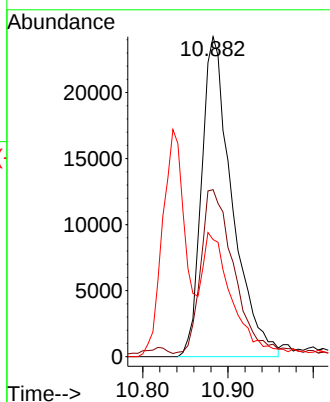
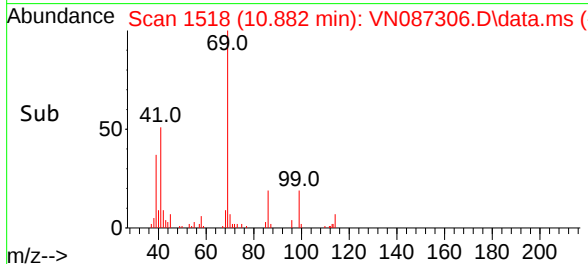
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 69 Resp: 60262
Ion Ratio Lower Upper
69 100
41 50.8 31.8 95.3
39 34.2 15.3 45.8

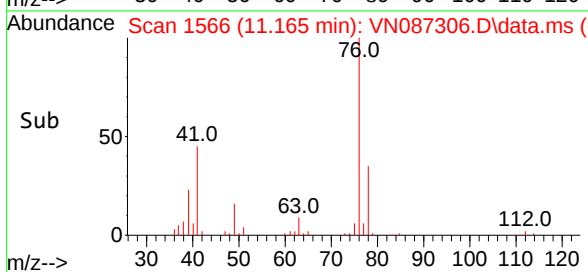
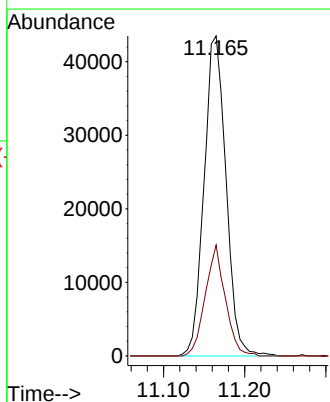
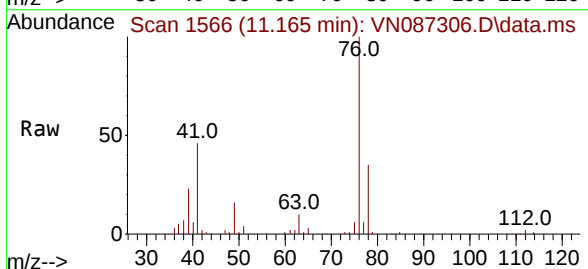
Manual Integrations
APPROVED

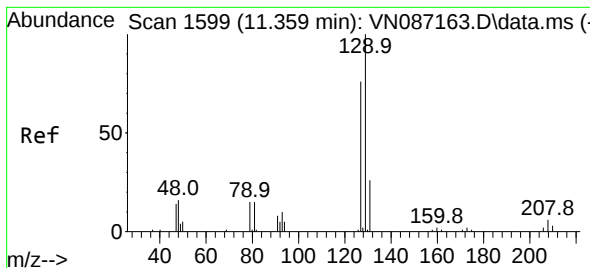
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#52
1,3-Dichloropropane
Concen: 18.311 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion: 76 Resp: 81749
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.0





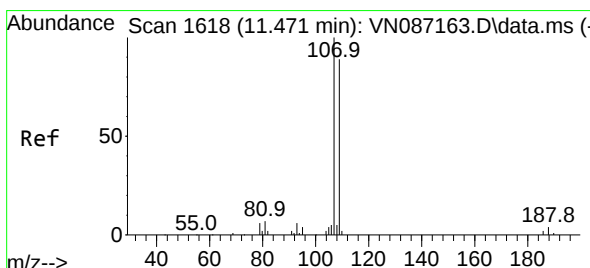
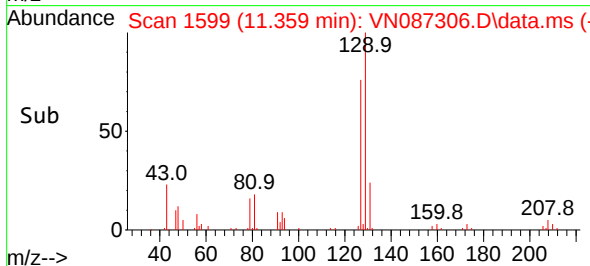
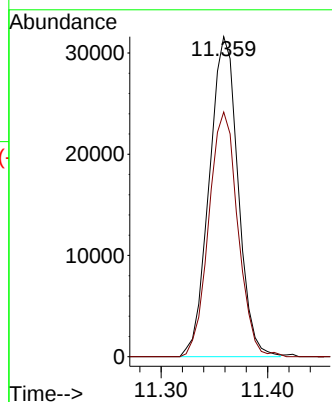
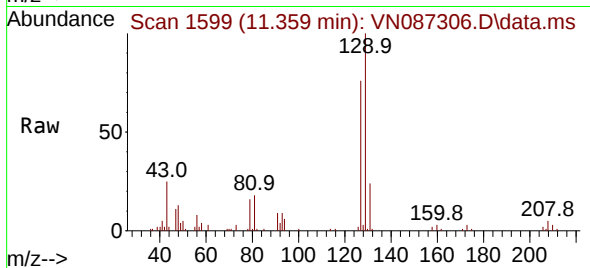
#53
Dibromochloromethane
Concen: 21.715 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:129 Resp: 5927
Ion Ratio Lower Upper
129 100
127 76.9 39.6 118.8

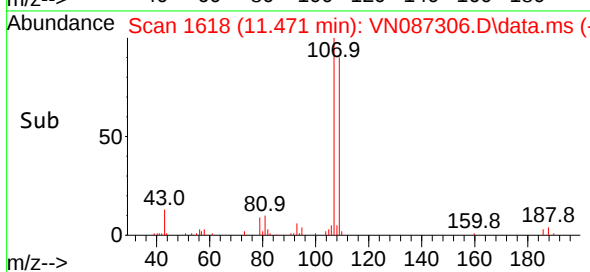
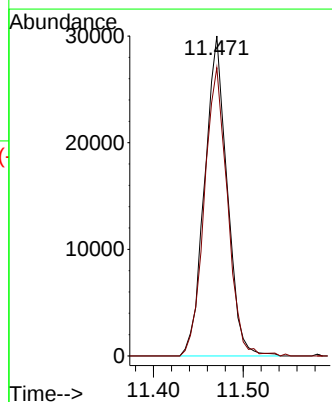
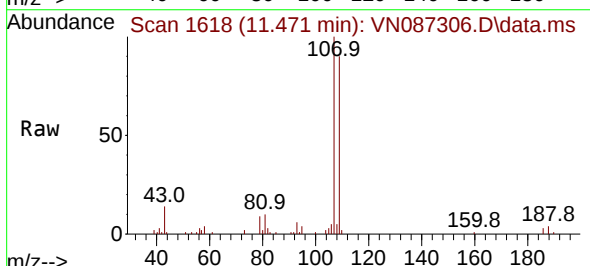
Manual Integrations
APPROVED

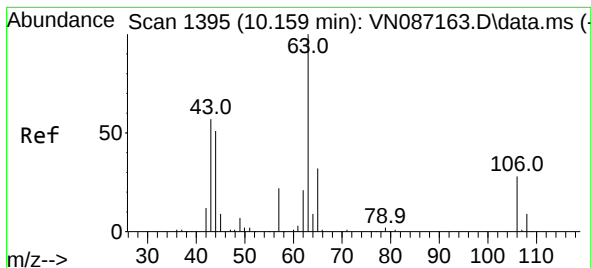
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#54
1,2-Dibromoethane
Concen: 19.524 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion:107 Resp: 52383
Ion Ratio Lower Upper
107 100
109 91.9 73.5 110.3





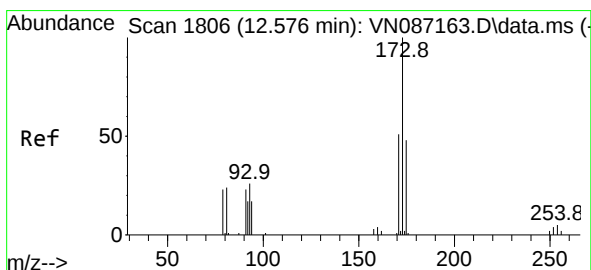
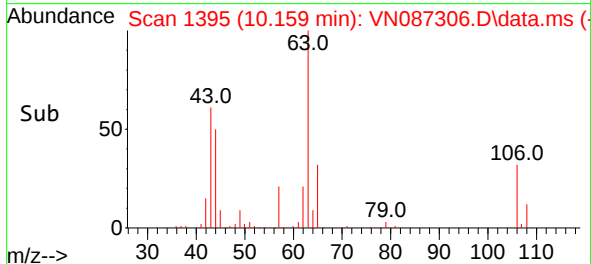
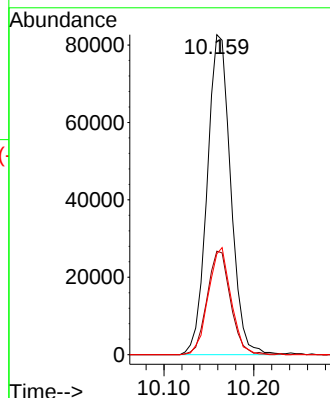
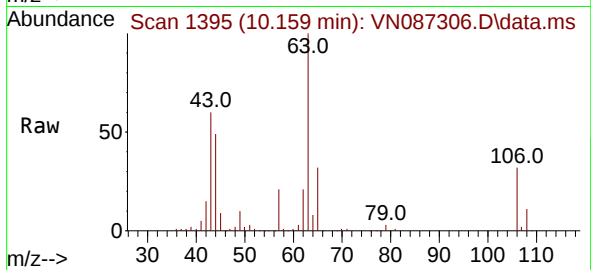
#55
2-Chloroethyl vinyl ether
Concen: 66.294 ug/l
RT: 10.159 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 15040
Ion Ratio Lower Upper
63 100
65 32.0 25.6 38.4
106 32.3 21.9 32.9

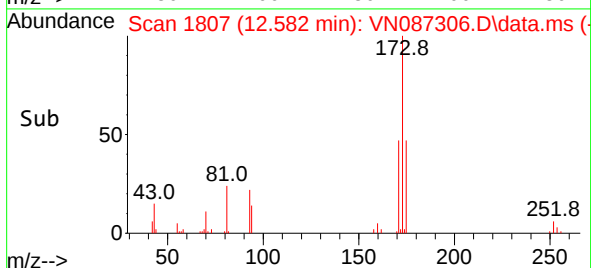
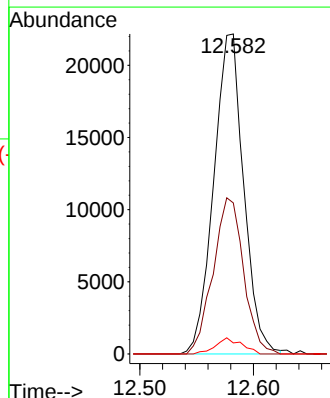
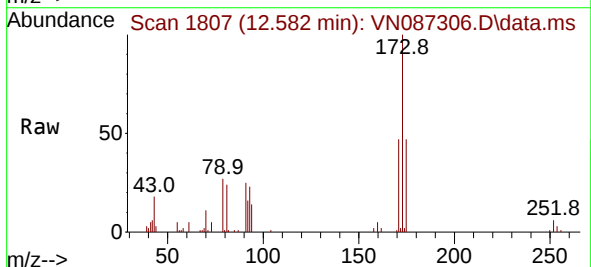
Manual Integrations
APPROVED

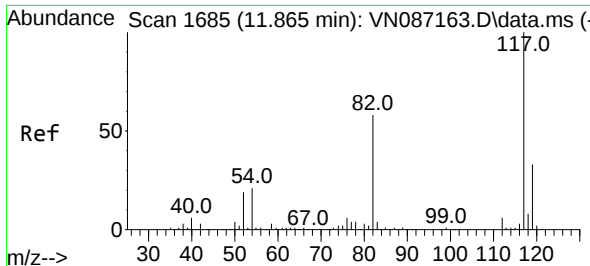
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#56
Bromoform
Concen: 21.626 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

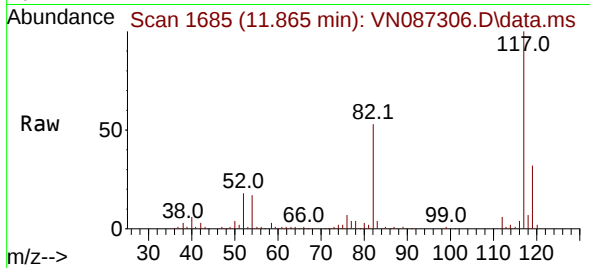
Tgt Ion:173 Resp: 40583
Ion Ratio Lower Upper
173 100
175 49.6 38.7 58.1
254 4.4 4.2 6.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

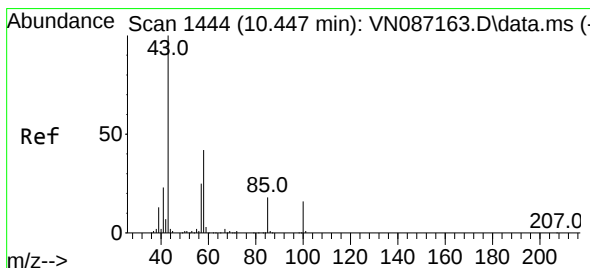
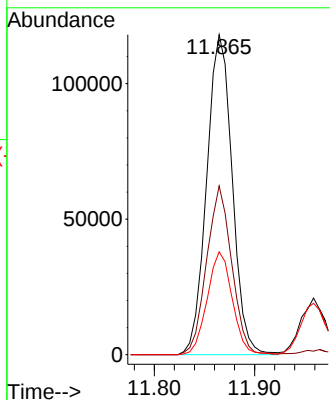
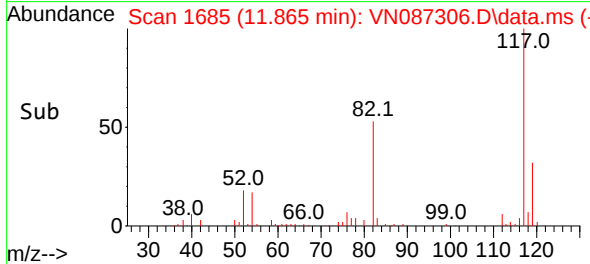
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



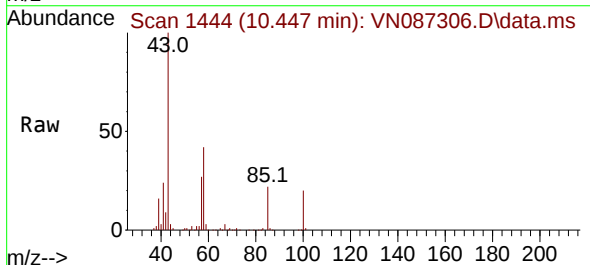
Tgt Ion: 117 Resp: 20926
Ion Ratio Lower Upper
117 100
82 51.6 45.4 68.2
119 31.6 26.2 39.4

Manual Integrations
APPROVED

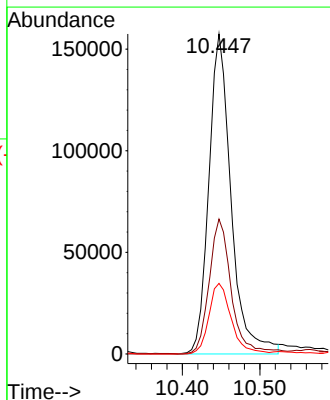
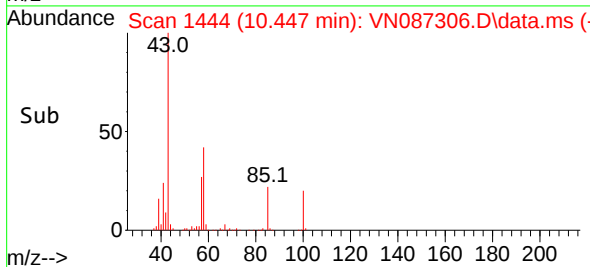
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

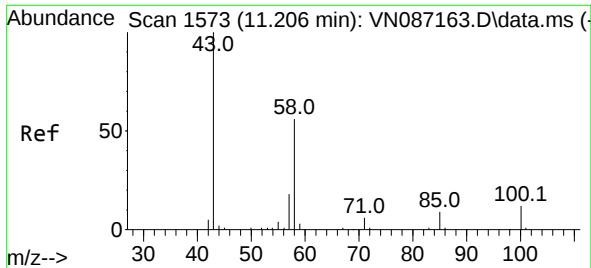


#58
4-Methyl-2-Pentanone
Concen: 74.756 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



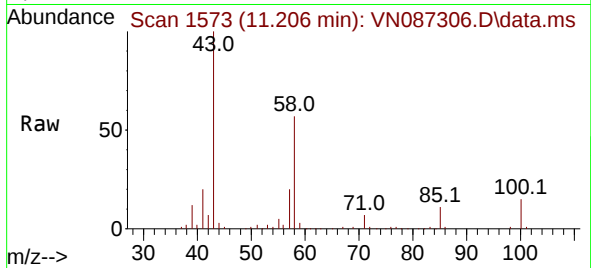
Tgt Ion: 43 Resp: 314495
Ion Ratio Lower Upper
43 100
58 42.2 32.6 49.0
85 22.1 14.6 22.0#





#59
2-Hexanone
Concen: 71.018 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

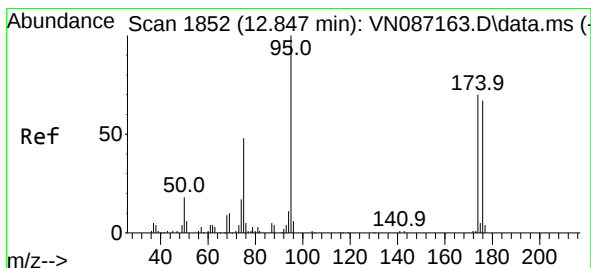
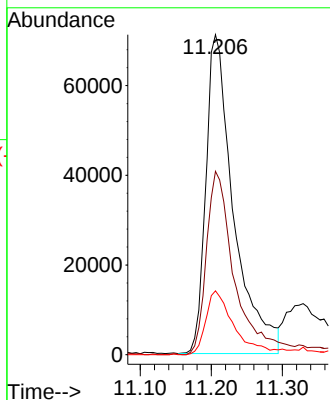
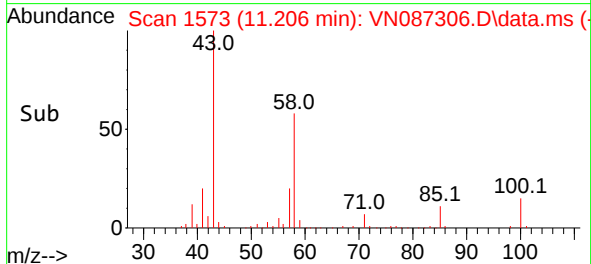
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



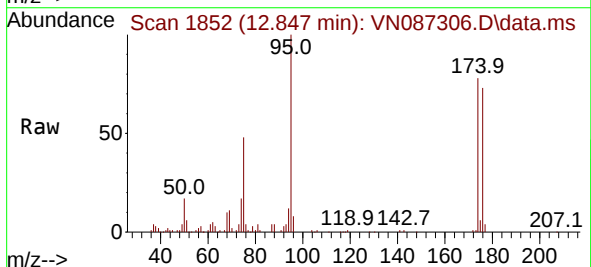
Tgt Ion: 43 Resp: 19292
Ion Ratio Lower Upper
43 100
58 58.7 49.2 73.8
57 19.9 15.3 22.9

Manual Integrations
APPROVED

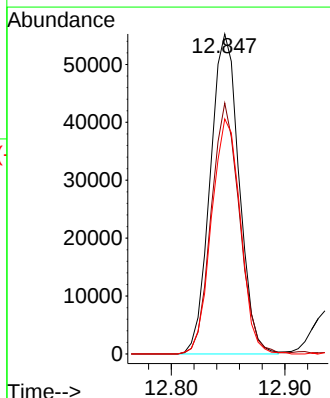
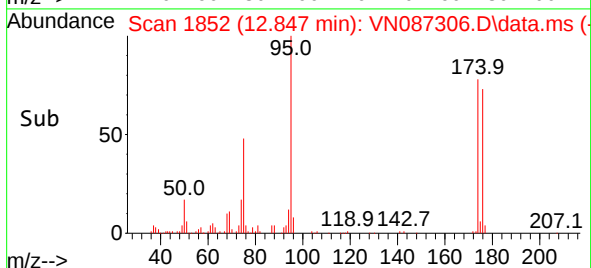
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

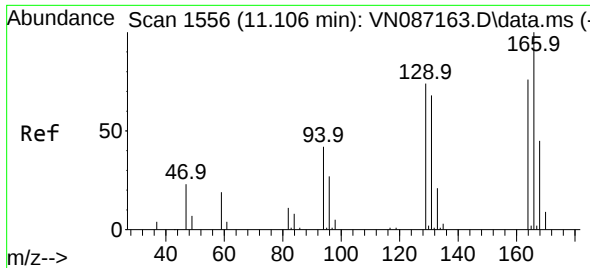


#60
4-Bromofluorobenzene
Concen: 30.233 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



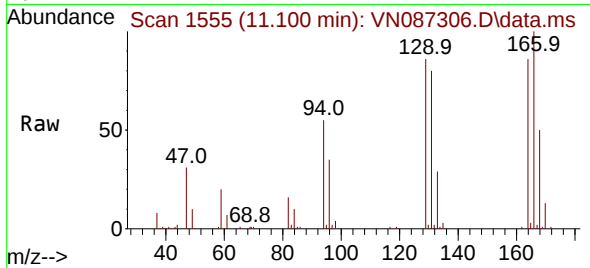
Tgt Ion: 95 Resp: 97628
Ion Ratio Lower Upper
95 100
174 76.7 54.5 81.7
176 73.5 51.9 77.9





#61
Tetrachloroethene
Concen: 20.028 ug/l
RT: 11.100 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

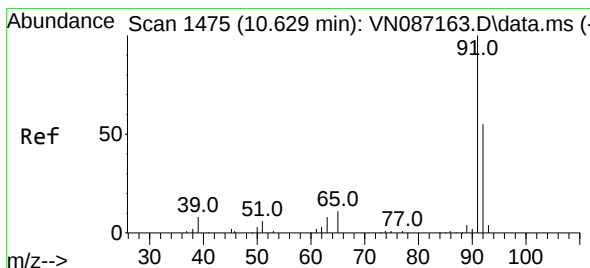
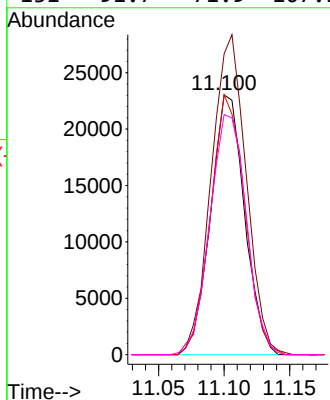
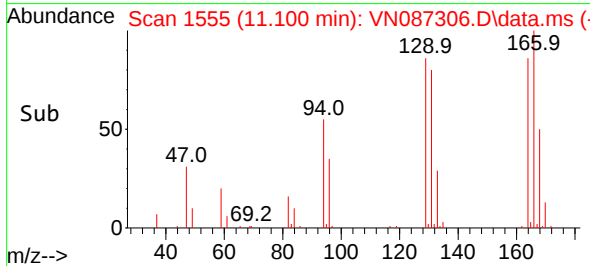
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



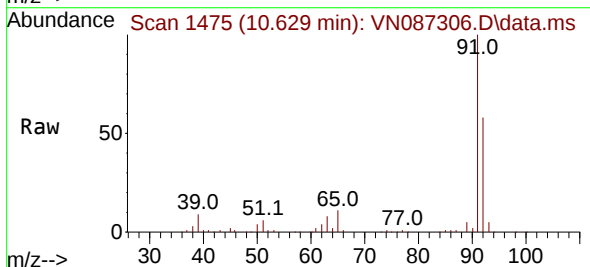
Tgt Ion:164 Resp: 41504
Ion Ratio Lower Upper
164 100
166 115.8 105.4 158.2
129 100.1 77.9 116.9
131 91.7 71.9 107.9

Manual Integrations
APPROVED

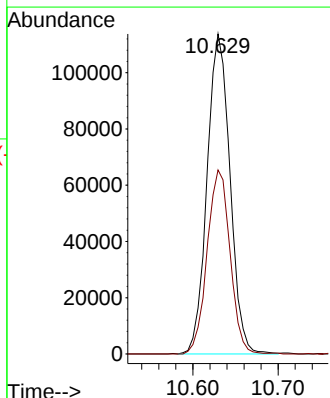
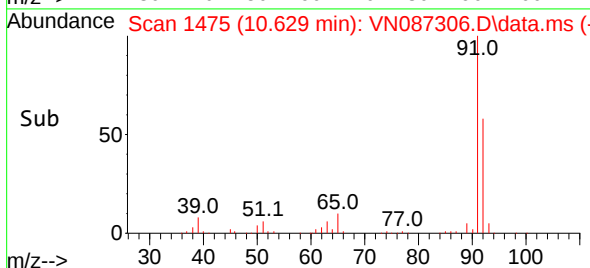
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

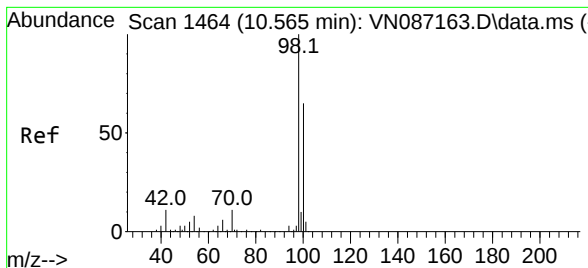


#62
Toluene
Concen: 18.002 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



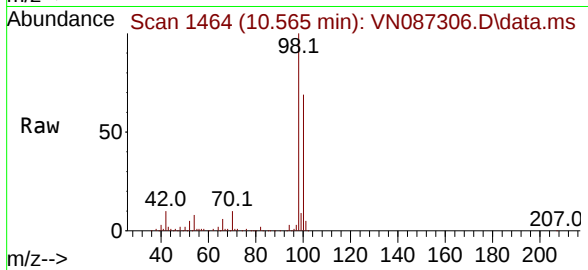
Tgt Ion: 91 Resp: 212767
Ion Ratio Lower Upper
91 100
92 57.3 45.8 68.8





#63
Toluene-d8
Concen: 29.086 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

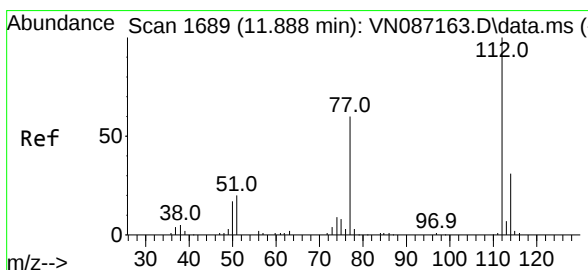
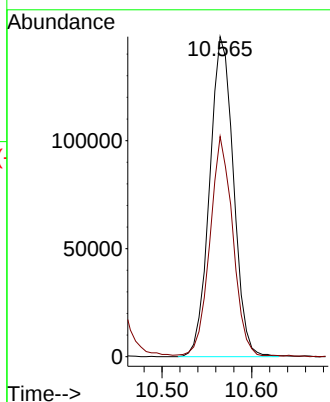
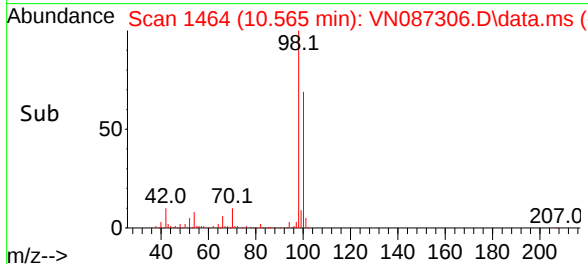
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 273284
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7

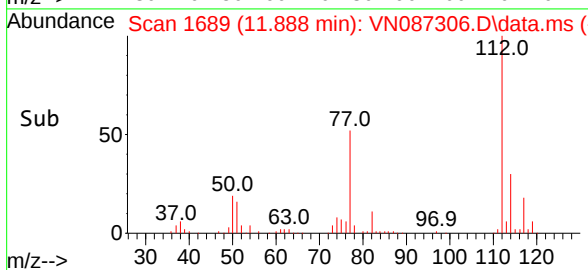
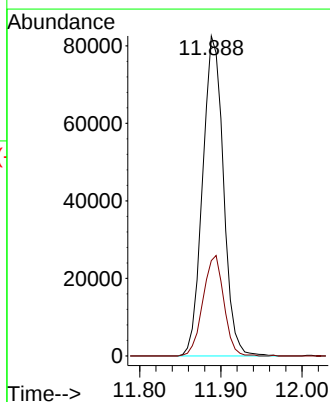
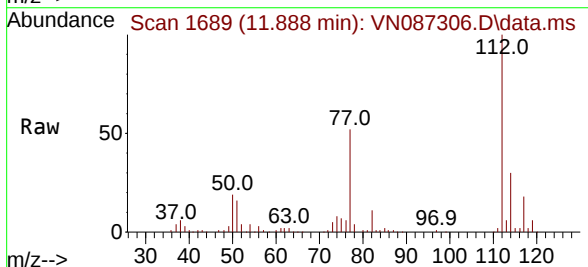
Manual Integrations
APPROVED

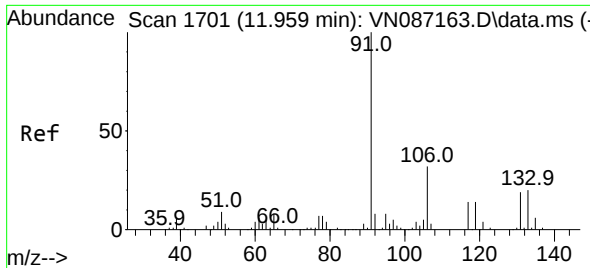
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#64
Chlorobenzene
Concen: 19.492 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion:112 Resp: 146947
Ion Ratio Lower Upper
112 100
114 29.8 25.0 37.4





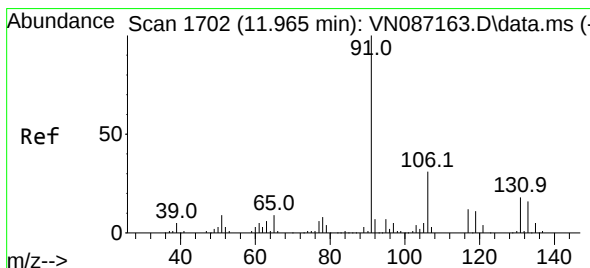
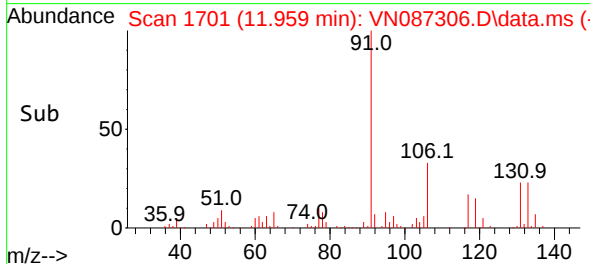
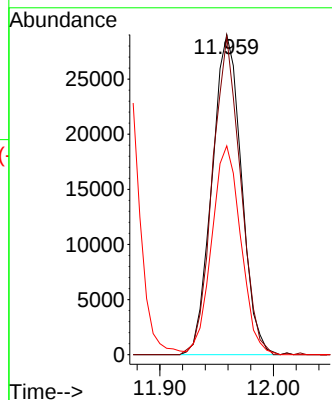
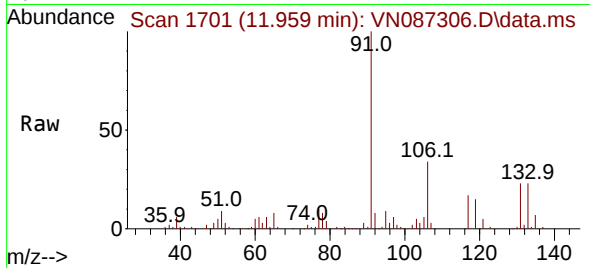
#65
1,1,1,2-Tetrachloroethane
Concen: 20.949 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:131 Resp: 52184
Ion Ratio Lower Upper
131 100
133 94.8 0.0 187.8
119 64.5 0.0 140.0

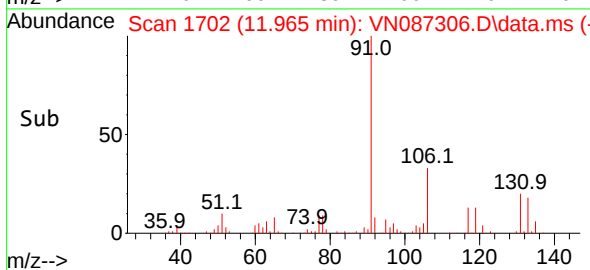
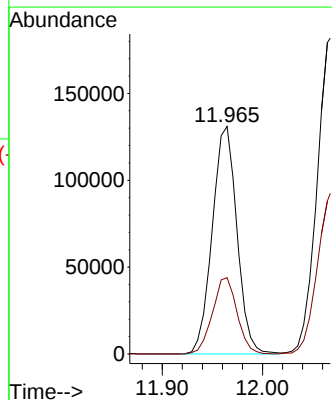
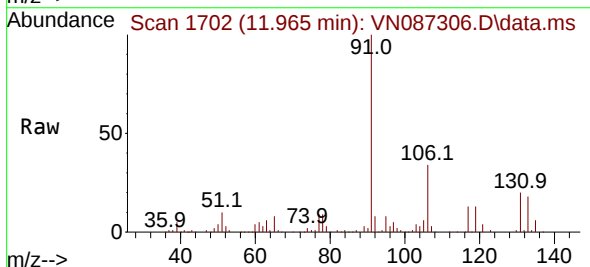
Manual Integrations
APPROVED

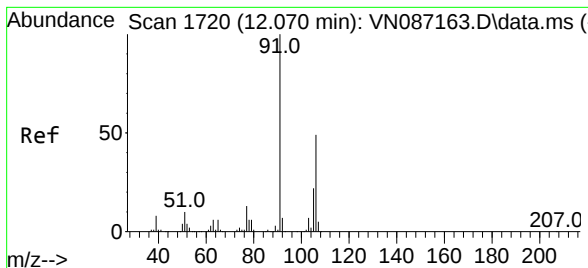
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#66
Ethyl Benzene
Concen: 17.329 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

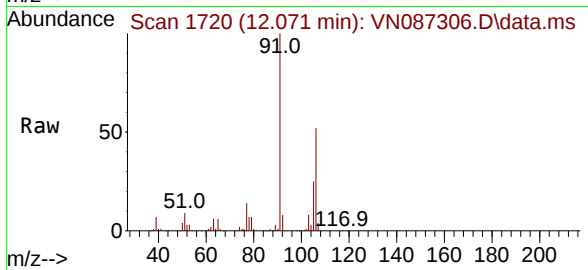
Tgt Ion: 91 Resp: 224178
Ion Ratio Lower Upper
91 100
106 33.5 24.8 37.2





#67
m/p-Xylenes
Concen: 38.051 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

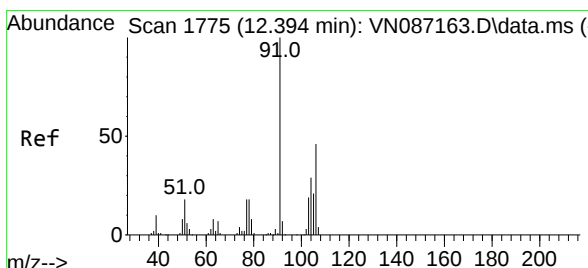
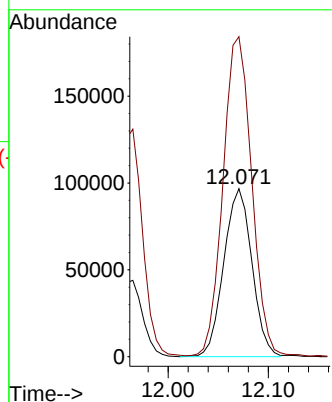
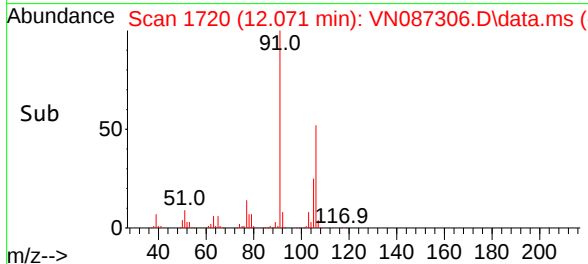
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



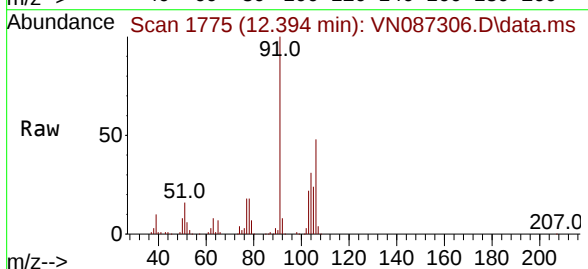
Tgt Ion:106 Resp: 188628
Ion Ratio Lower Upper
106 100
91 194.6 163.0 244.4

Manual Integrations
APPROVED

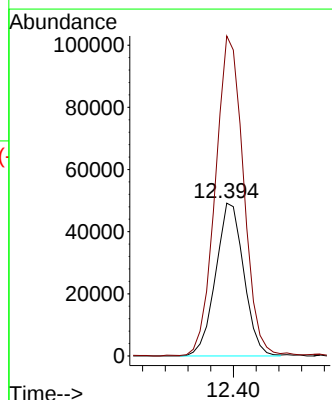
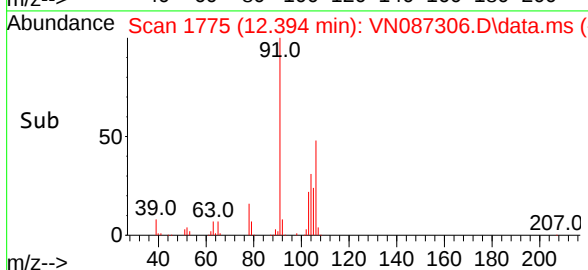
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

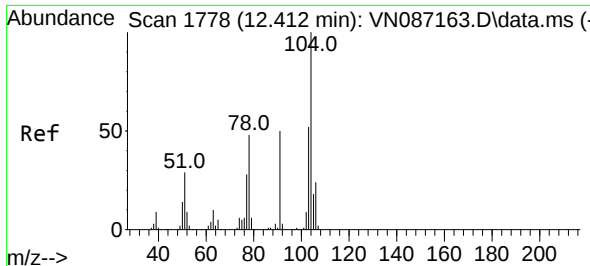


#68
o-Xylene
Concen: 17.881 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



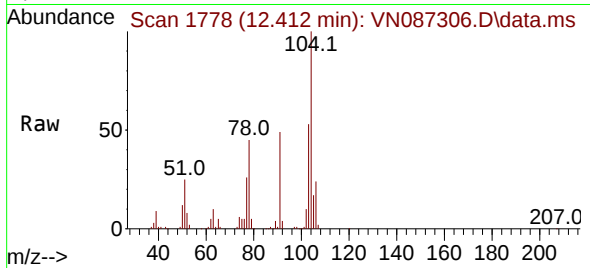
Tgt Ion:106 Resp: 84567
Ion Ratio Lower Upper
106 100
91 209.4 107.1 321.1





#69
Styrene
Concen: 18.082 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

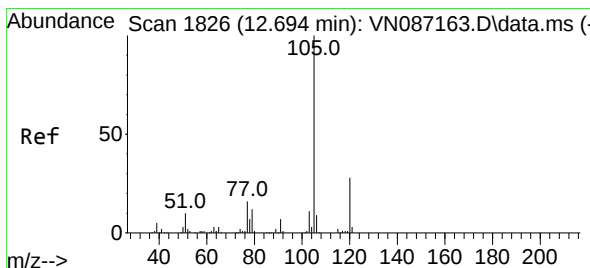
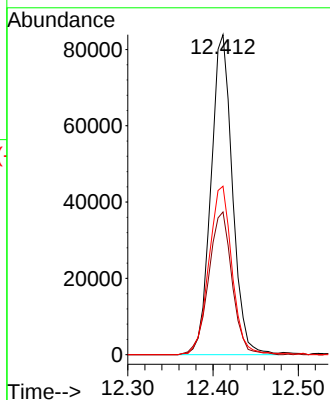
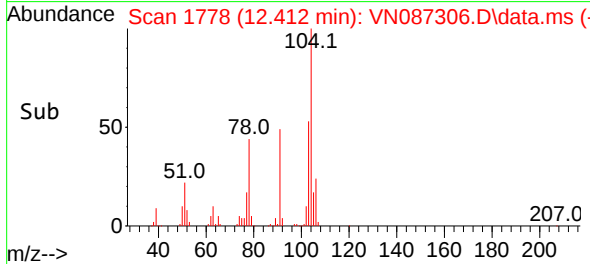
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



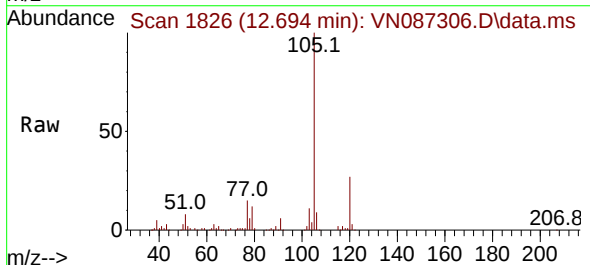
Tgt Ion:104 Resp: 146815
Ion Ratio Lower Upper
104 100
78 48.7 39.8 59.8
103 56.6 44.2 66.4

Manual Integrations
APPROVED

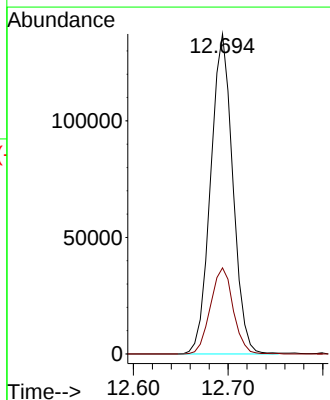
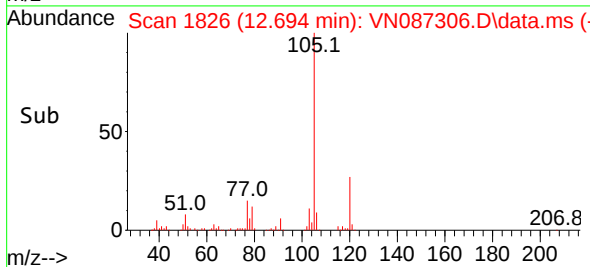
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

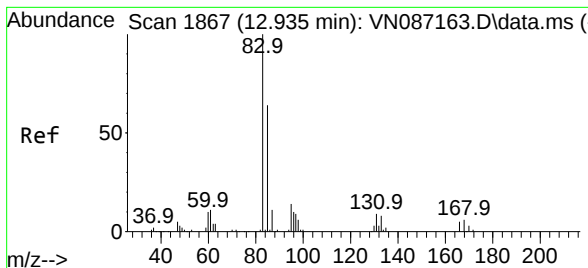


#70
Isopropylbenzene
Concen: 18.976 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



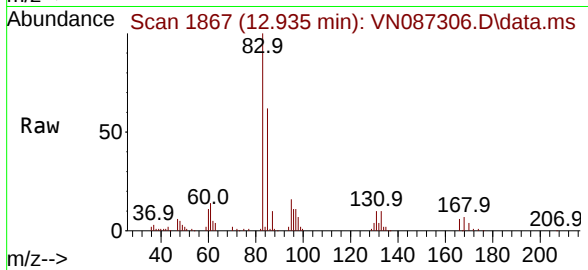
Tgt Ion:105 Resp: 223513
Ion Ratio Lower Upper
105 100
120 27.6 19.0 35.2





#71
1,1,2,2-Tetrachloroethane
Concen: 18.631 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

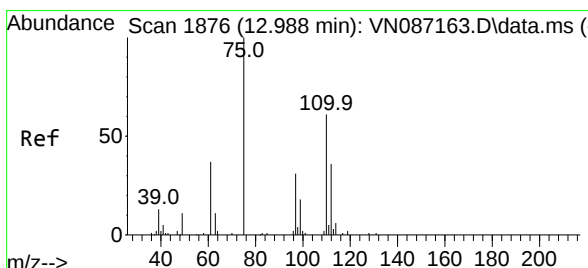
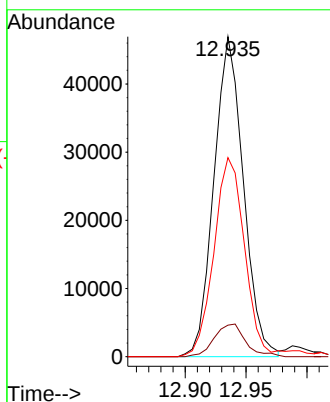
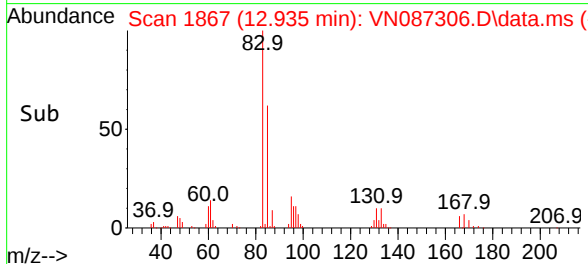
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



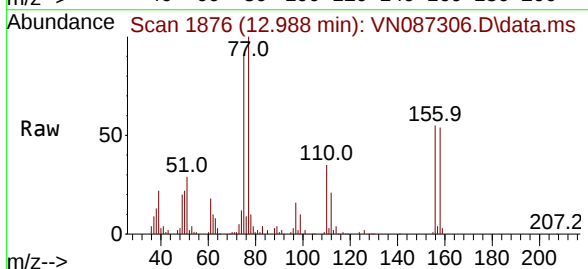
Tgt Ion: 83 Resp: 78990
Ion Ratio Lower Upper
83 100
131 10.8 4.5 13.4
85 64.2 31.3 93.9

Manual Integrations
APPROVED

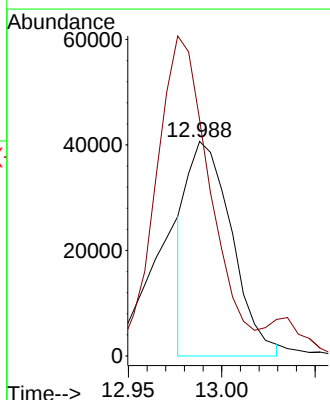
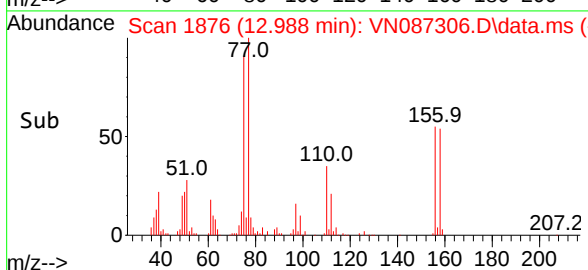
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

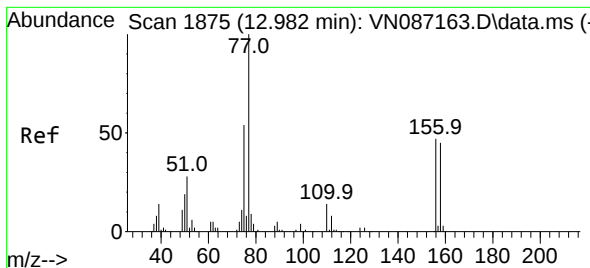


#72
1,2,3-Trichloropropane
Concen: 18.500 ug/l m
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



Tgt Ion: 75 Resp: 67637
Ion Ratio Lower Upper
75 100
77 181.6 0.0 379.2





#73

Bromobenzene

Concen: 21.051 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

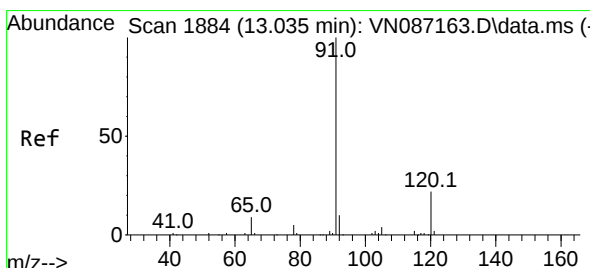
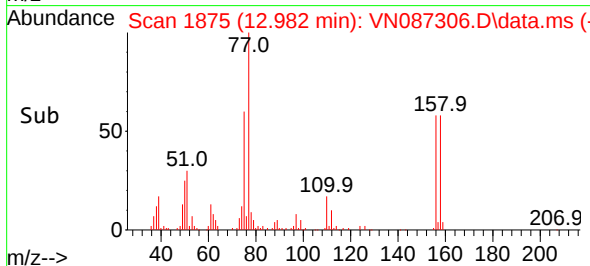
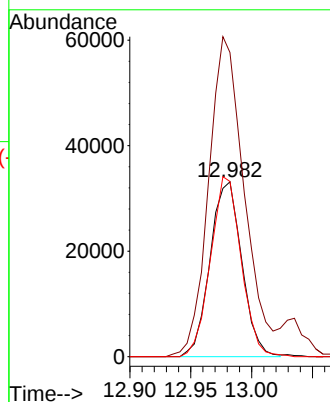
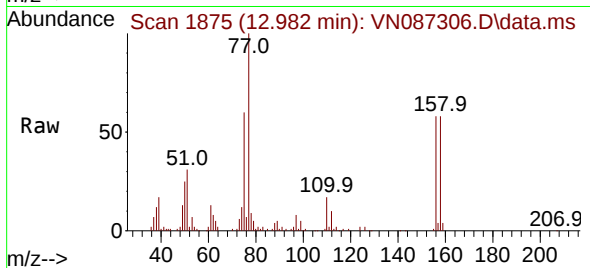
Tgt Ion:	156	Resp:	60140
Ion Ratio	Lower	Upper	
156	100		
77	204.2	0.0	489.0
158	99.3	0.0	195.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#74

n-propylbenzene

Concen: 18.726 ug/l

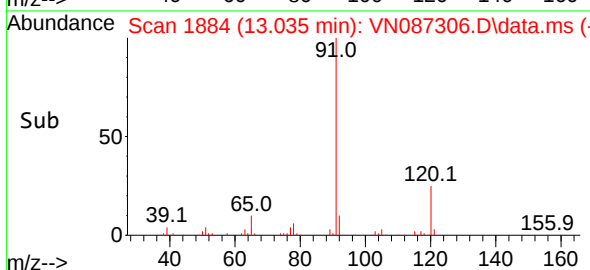
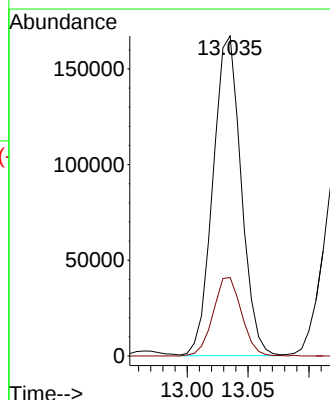
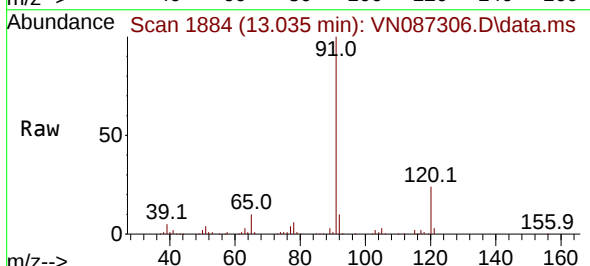
RT: 13.035 min Scan# 1884

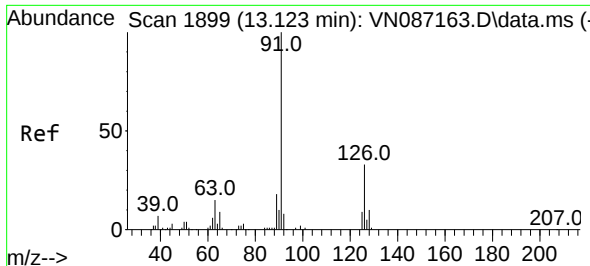
Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Tgt Ion:	91	Resp:	269455
Ion Ratio	Lower	Upper	
91	100		
120	24.7	0.0	43.6





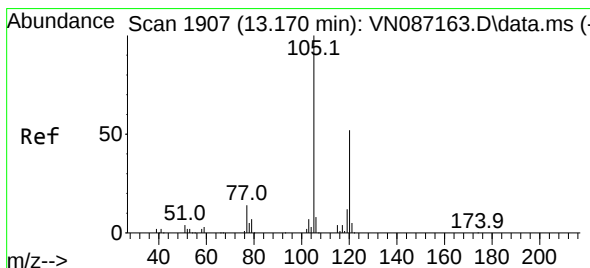
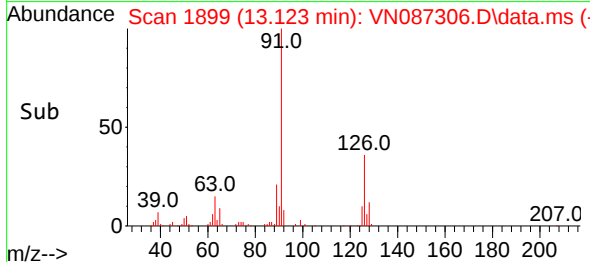
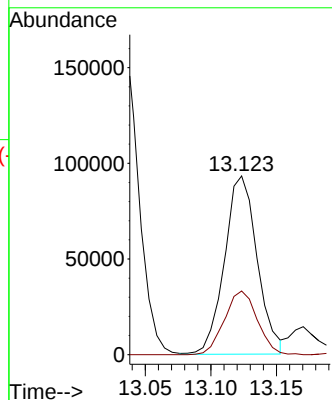
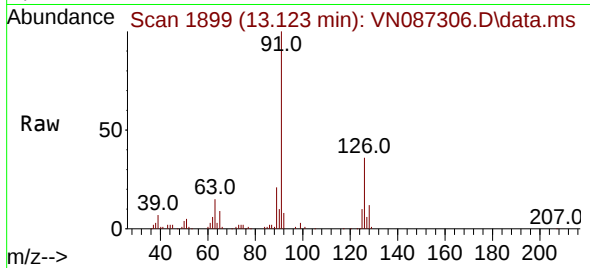
#75
2-Chlorotoluene
Concen: 18.581 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 16153
Ion Ratio Lower Upper
91 100
126 35.9 0.0 63.8

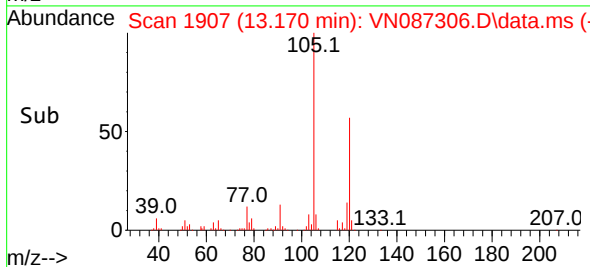
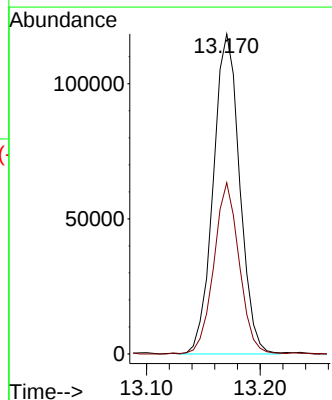
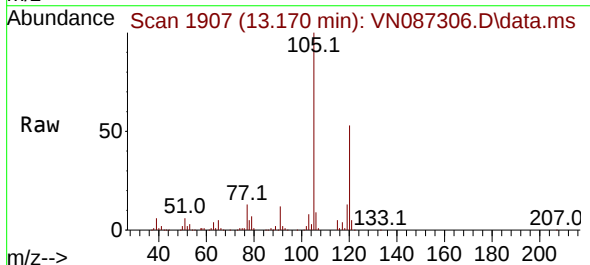
Manual Integrations
APPROVED

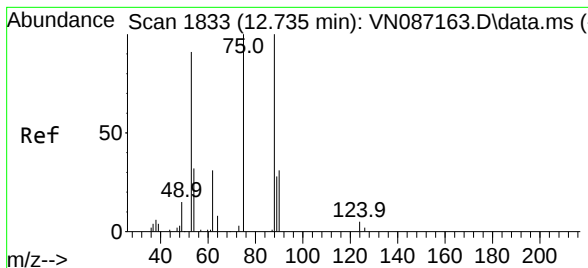
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 19.979 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion:105 Resp: 191579
Ion Ratio Lower Upper
105 100
120 51.2 0.0 100.8





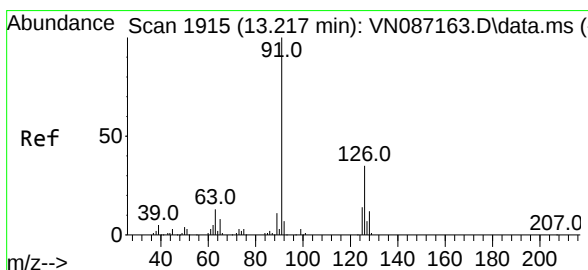
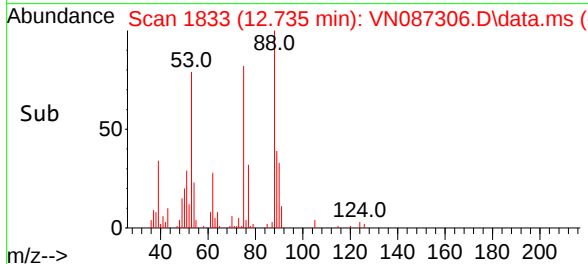
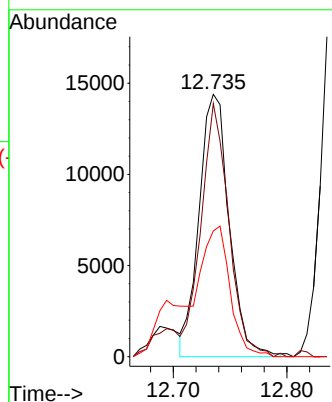
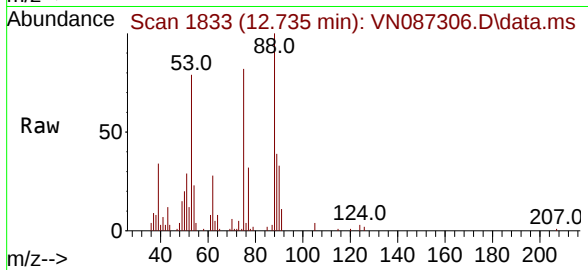
#77
t-1,4-Dichloro-2-butene
Concen: 16.336 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 75 Resp: 26492
Ion Ratio Lower Upper
75 100
53 96.2 45.9 137.6
89 48.5 22.3 66.9

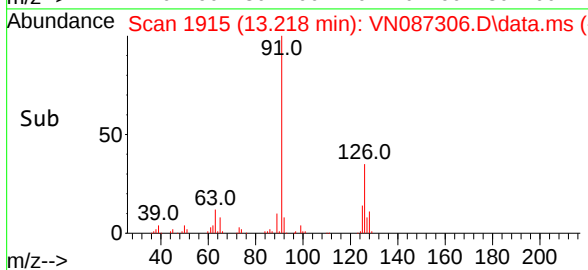
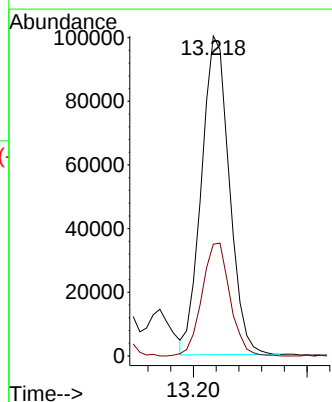
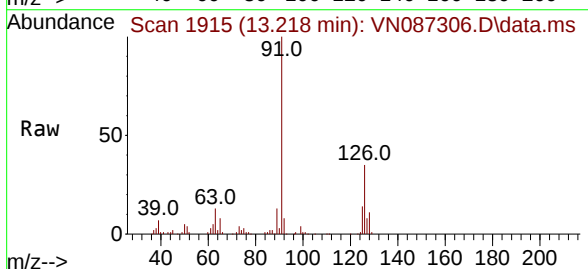
Manual Integrations
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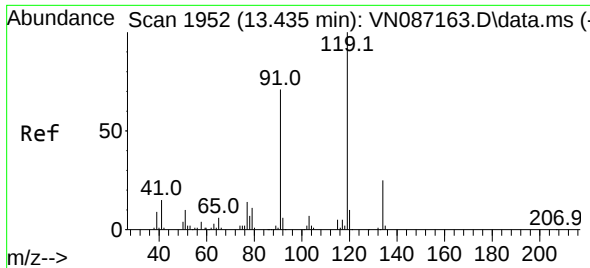
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#78
4-Chlorotoluene
Concen: 19.138 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion: 91 Resp: 170402
Ion Ratio Lower Upper
91 100
126 35.6 0.0 65.2





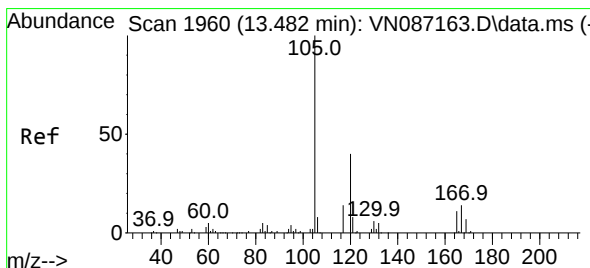
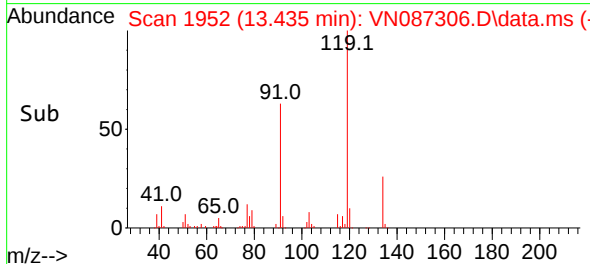
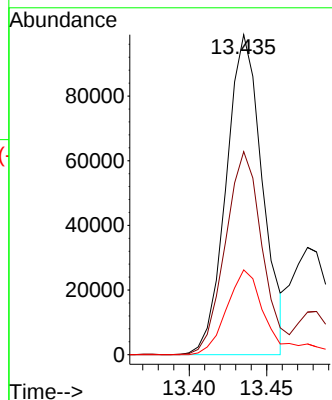
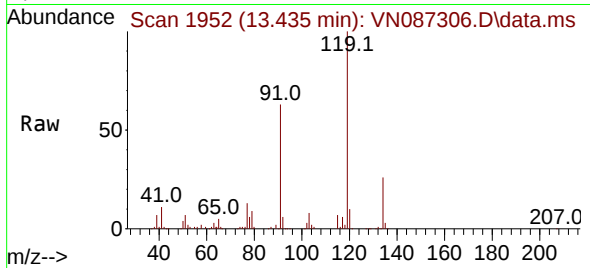
#79
tert-butylbenzene
Concen: 20.001 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 161217
Ion Ratio Lower Upper
119 100
91 65.0 0.0 137.0
134 25.9 0.0 49.4

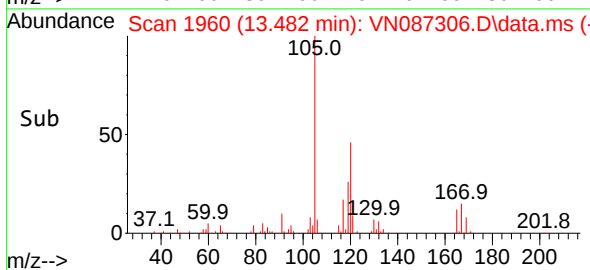
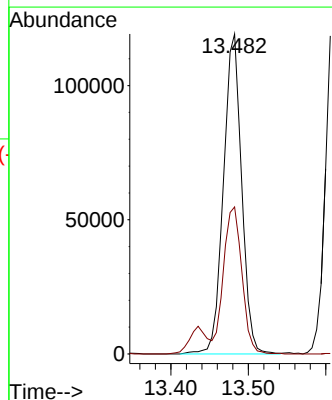
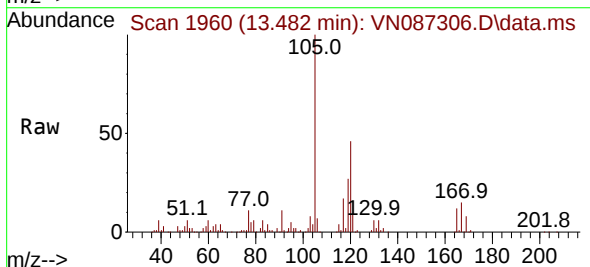
Manual Integrations
APPROVED

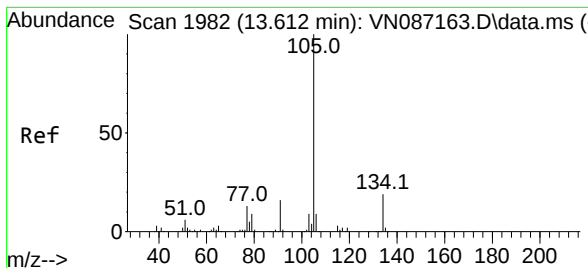
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 20.251 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion:105 Resp: 194988
Ion Ratio Lower Upper
105 100
120 46.5 0.0 94.0





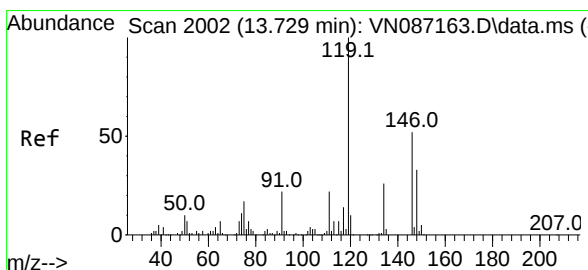
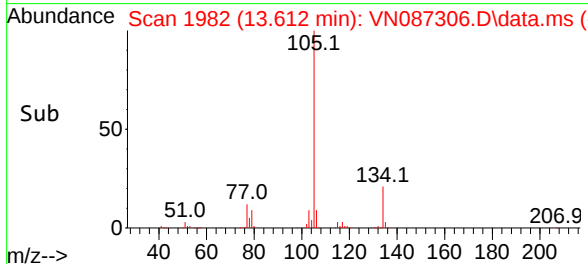
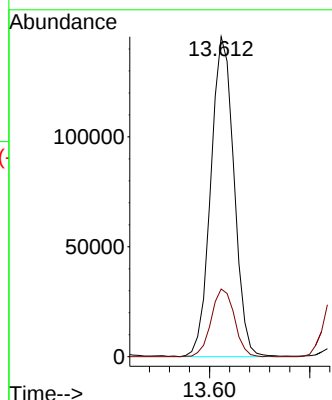
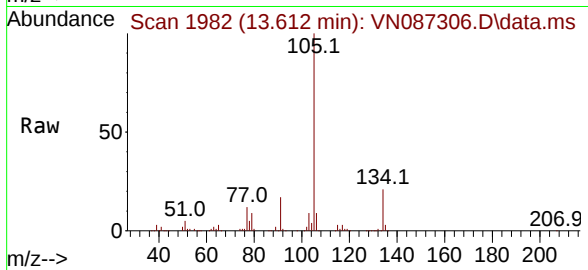
#81
 sec-Butylbenzene
 Concen: 19.964 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN087306.D
 Acq: 09 Jul 2025 09:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 233914
 Ion Ratio Lower Upper
 105 100
 134 21.2 0.0 39.4

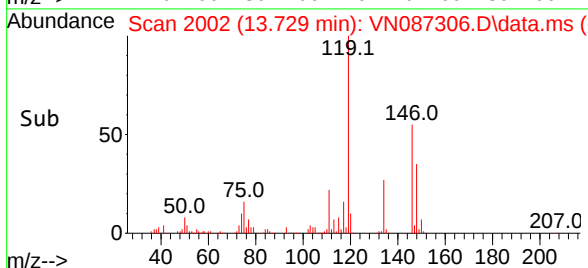
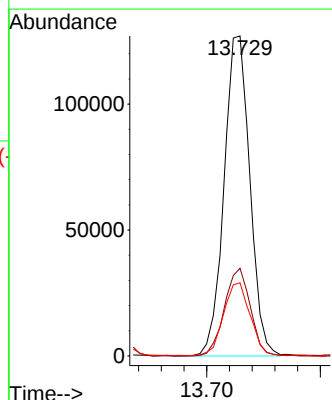
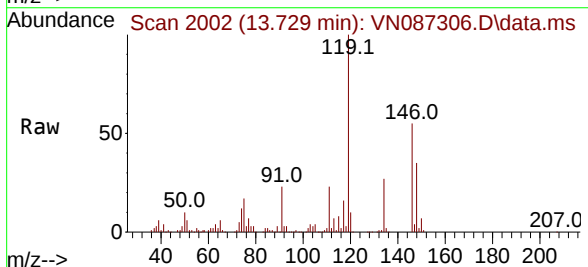
Manual Integrations
 APPROVED

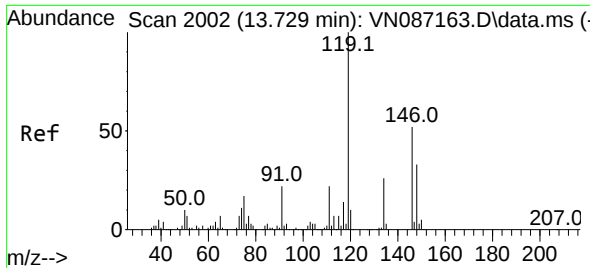
Reviewed By :John Carlone 07/10/2025
 Supervised By :Mahesh Dadoda 07/10/2025



#82
 p-Isopropyltoluene
 Concen: 20.549 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN087306.D
 Acq: 09 Jul 2025 09:57

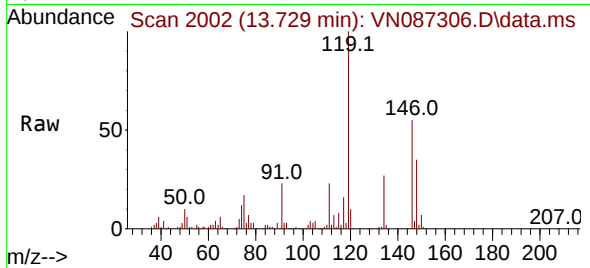
Tgt Ion:119 Resp: 200367
 Ion Ratio Lower Upper
 119 100
 134 27.4 0.0 51.2
 91 23.9 0.0 46.4





#83
1,3-Dichlorobenzene
Concen: 21.672 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

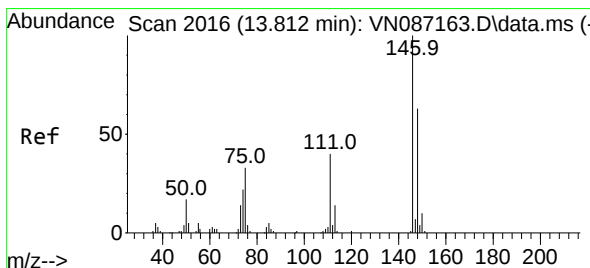
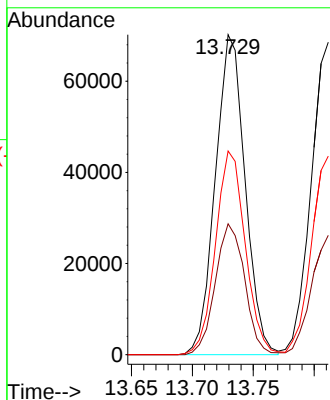
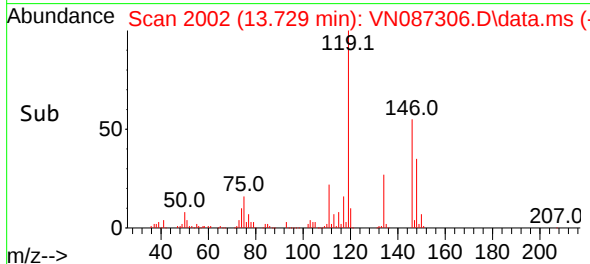
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



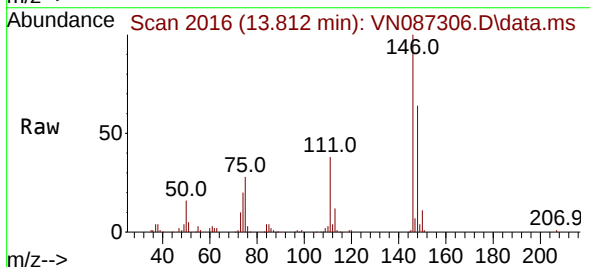
Tgt Ion:146 Resp: 11924
Ion Ratio Lower Upper
146 100
111 40.4 21.1 63.3
148 63.9 31.6 94.8

Manual Integrations
APPROVED

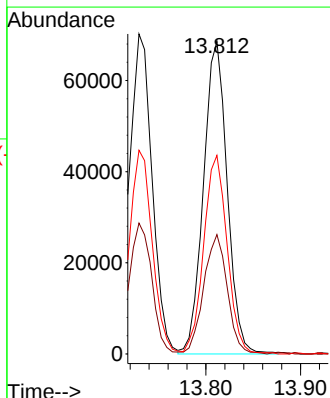
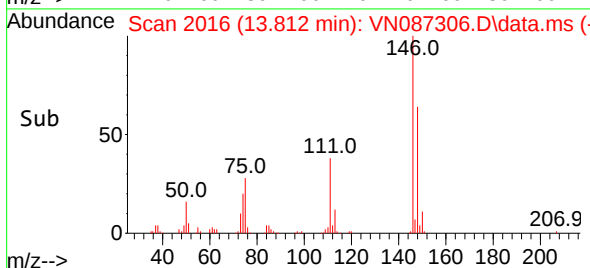
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

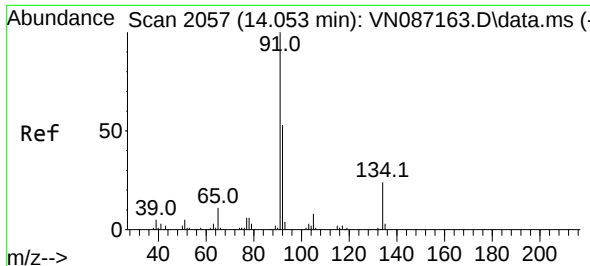


#84
1,4-Dichlorobenzene
Concen: 21.567 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



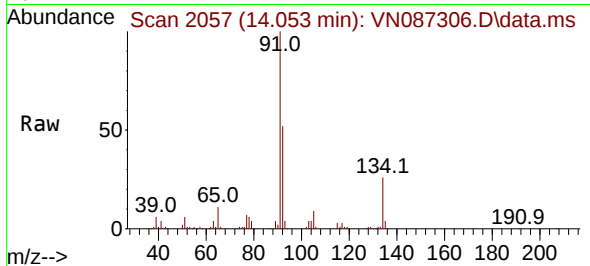
Tgt Ion:146 Resp: 119427
Ion Ratio Lower Upper
146 100
111 38.0 20.1 60.2
148 61.9 31.4 94.2





#85
n-Butylbenzene
Concen: 18.966 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

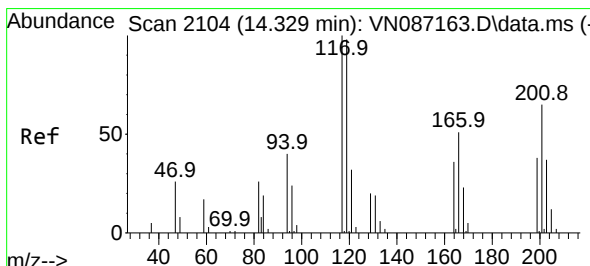
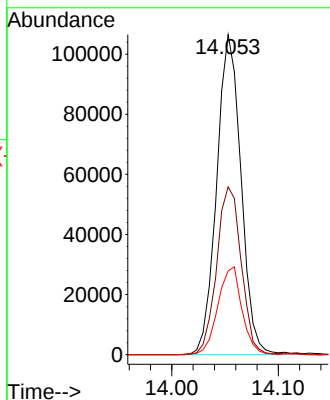
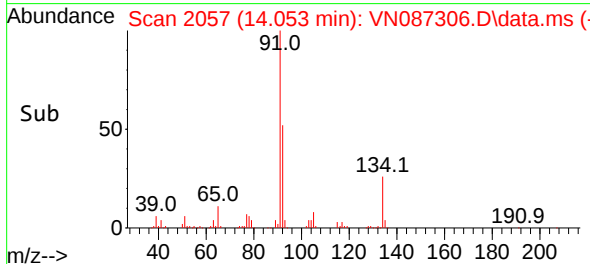
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 91 Resp: 168734
Ion Ratio Lower Upper
91 100
92 52.9 0.0 106.4
134 27.2 0.0 48.8

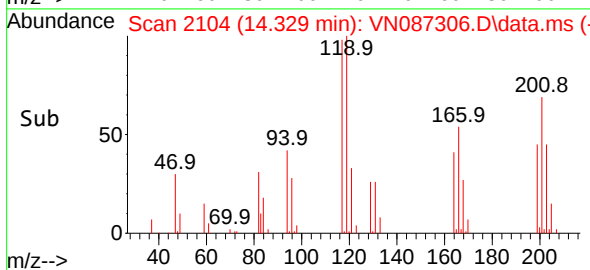
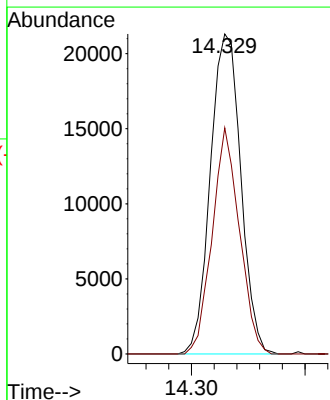
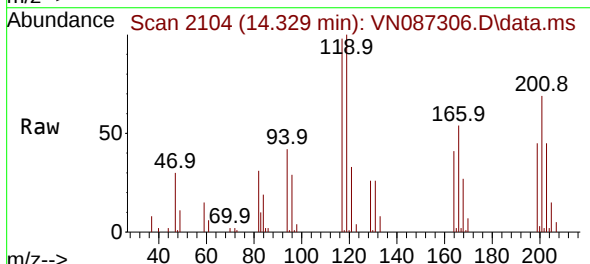
Manual Integrations
APPROVED

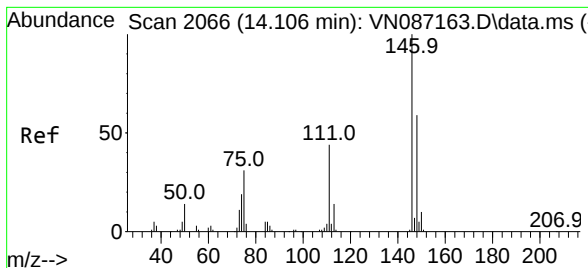
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025



#86
Hexachloroethane
Concen: 21.509 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

Tgt Ion:117 Resp: 39701
Ion Ratio Lower Upper
117 100
201 63.2 30.8 92.3





#87

1,2-Dichlorobenzene

Concen: 21.825 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

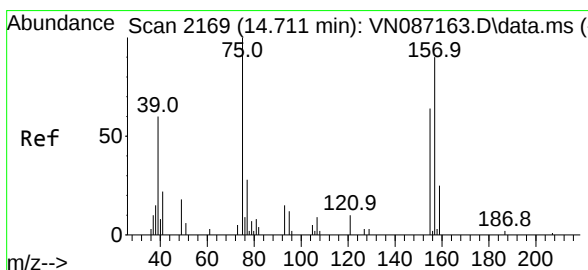
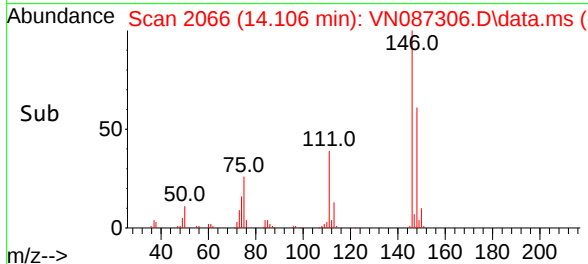
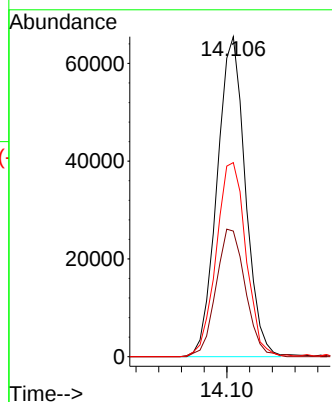
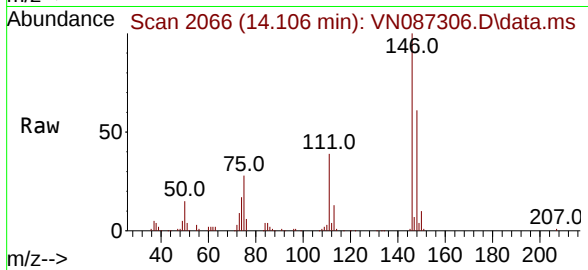
Tgt Ion:	146	Resp:	11322
Ion Ratio	Lower	Upper	
146	100		
111	41.3	22.1	66.1
148	63.9	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.599 ug/l

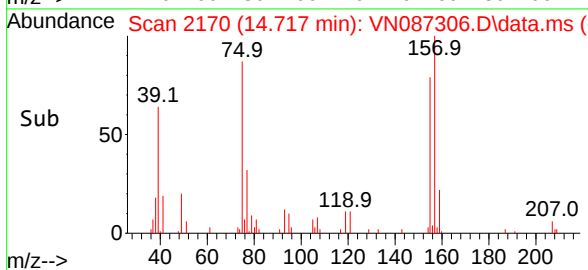
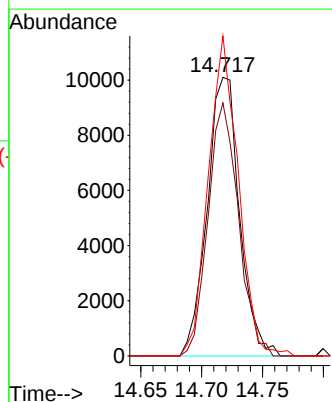
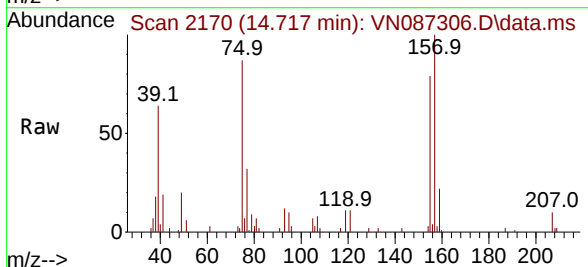
RT: 14.717 min Scan# 2170

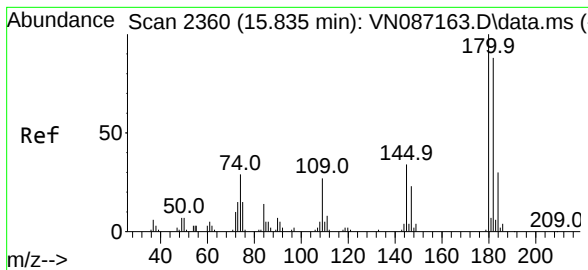
Delta R.T. 0.006 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

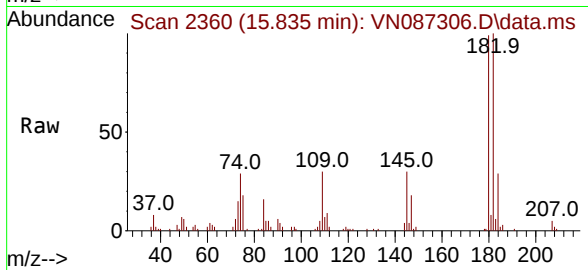
Tgt Ion:	75	Resp:	18710
Ion Ratio	Lower	Upper	
75	100		
155	85.1	58.3	87.5
157	106.2	79.2	118.8





#89
1,2,4-Trichlorobenzene
Concen: 20.480 ug/l
RT: 15.835 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57

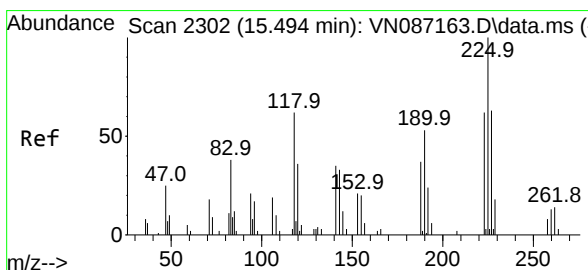
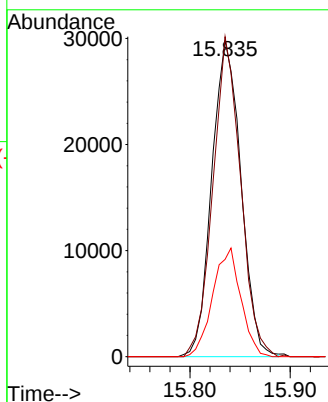
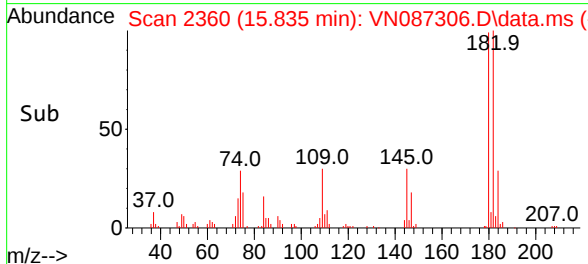
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



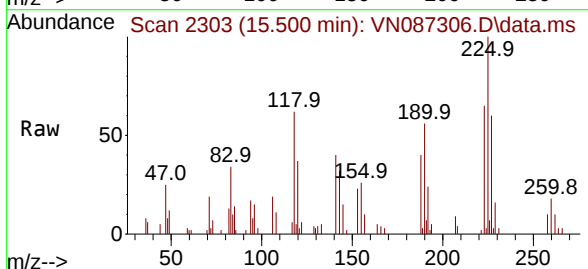
Tgt Ion:180 Resp: 6011
Ion Ratio Lower Upper
180 100
182 95.9 74.2 111.2
145 33.1 27.6 41.4

Manual Integrations
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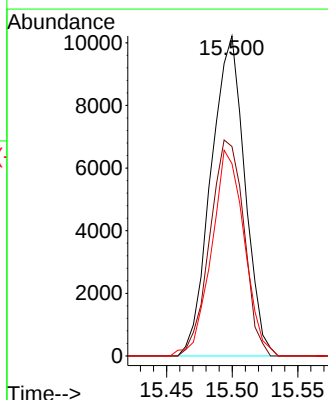
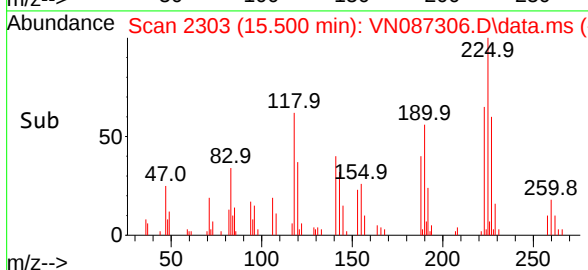
Reviewed By :John Carlone 07/10/2025
Supervised By :Mahesh Dadoda 07/10/2025

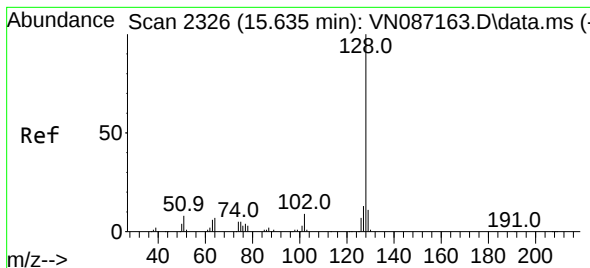


#90
Hexachlorobutadiene
Concen: 21.025 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN087306.D
Acq: 09 Jul 2025 09:57



Tgt Ion:225 Resp: 18312
Ion Ratio Lower Upper
225 100
223 67.8 0.0 134.2
227 62.5 0.0 122.6





#91

Naphthalene

Concen: 18.156 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

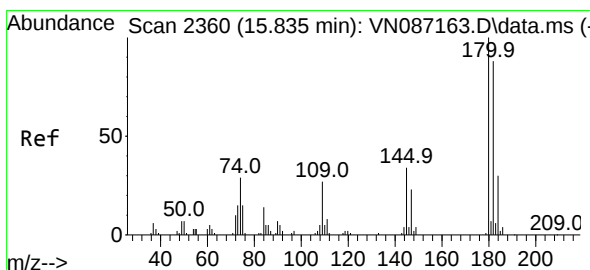
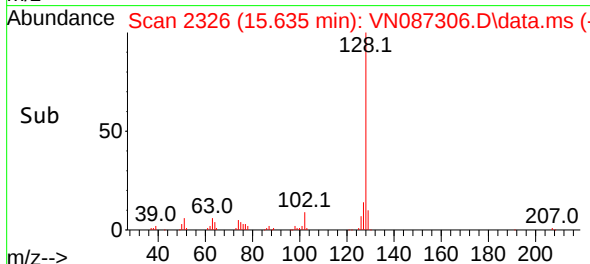
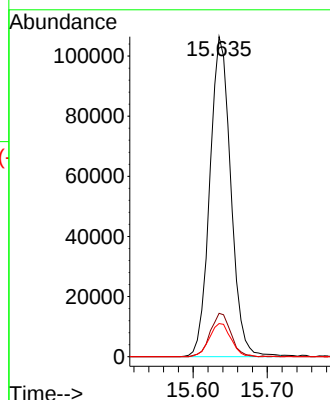
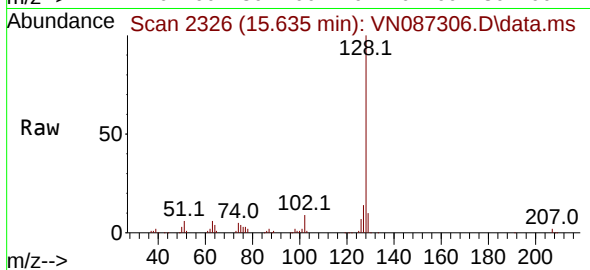
Tgt Ion:128 Resp: 209720
 Ion Ratio Lower Upper
 128 100
 127 13.3 10.6 15.8
 129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/10/2025

Supervised By :Mahesh Dadoda 07/10/2025



#92

1,2,3-Trichlorobenzene

Concen: 20.480 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN087306.D

Acq: 09 Jul 2025 09:57

Tgt Ion:180 Resp: 60111
 Ion Ratio Lower Upper
 180 100
 182 95.9 0.0 185.4
 145 33.1 0.0 69.0

